

in the undermentioned Ports of Bengal on the 15th September 1899.

STRAW.			JUAR STALKS.			PRICES PER MAUND OF 40 STANDARD SEERS.									MARKTS.
						IRON.			FIREWOOD.			SALT.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
Rs. A. P.	Rs. A. P.	Rs. A. P.				Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
0 9 0	0 9 0	0 12 0	...	...	...	5 4 0	5 4 0	5 8 0	0 7 0	0 7 0	0 7 0	3 6 0	3 6 0	3 6 0	1. Calcutta.
0 5 8	0 5 8	0 8 0	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	3 3 0	3 5 0	3 10 0	2. Burdwan.
0 8 0	0 5 0	0 3 0	...	...	...	{ 4 0 0 to 4 8 0	{ 4 0 0 to 4 8 0	{ 4 8 0 to 4 12 0	0 5 0	0 8 0	0 4 0	3 8 0	3 8 0	3 9 0	3. Midnapore.
0 12 0	0 12 0	0 12 0	...	...	...	7 8 0	7 8 0	7 8 0	0 4 0	0 4 0	0 4 0	3 14 0	3 14 0	3 14 0	4. Pabna.
0 7 0	0 7 0	...	...	...	...	7 0 0	7 0 0	6 8 0	0 5 0	0 5 0	0 5 0	4 0 0	4 0 0	4 0 0	5. Rangpur.
...	...	...	...	...	...	5 0 0	5 0 0	5 0 0	0 5 0	0 5 0	0 5 0	3 9 0	3 9 0	3 12 0	6. Dacca.
...	...	...	...	...	...	5 8 0	5 4 0	5 0 0	...	...	...	3 8 0	3 8 0	3 10 0	7. Chittagong.
...	...	...	...	...	...	3 0 0	3 0 0	3 0 0	0 6 0	0 8 0	0 5 6	3 7 6	3 8 0	3 8 0	8. Patna.
...	...	...	...	...	...	6 10 6	6 10 6	6 0 0	0 4 0	0 4 0	0 4 0	3 8 0	3 8 0	3 10 0	9. Munaffarpur.
...	...	...	...	...	...	5 8 0	6 0 0	5 0 0	0 6 6	0 5 9	0 6 3	3 9 0	3 12 0	3 12 0	10. Bhagalpur.
0 9 6	0 9 6	...	...	...	...	4 8 0	4 8 0	4 8 0	0 4 0	0 4 0	0 5 0	3 0 0	3 0 0	3 2 0	11. Cuttack.
No fixed rate.			...	...	...	5 0 0	5 0 0	5 11 0	0 4 0	0 4 0	0 4 0	4 2 0	4 2 0	4 6 0	12. Ranchi.

F. A. SLACK,  
Offg. Secretary to the Govt. of Bengal.

**Results of the Meteorological Observations taken at the Alipore Observatory from  
10th to 16th September 1899.**

Month	Date	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1899.				Inches.						Inches.		%			Inches.	
Sept.	10th	132.5	Nil	29.736	85.0	88.9	7.7	81.2	81.2	1.013	79.6	84	E and calm	64	0.13	Cloudy, o, p.
"	11th	146.7	1.2	.750	83.1	87.3	9.9	77.4	79.7	0.970	78.3	86	ESE and SE	123	Nil	Chiefly cloudy, o.
"	12th	137.3	1.4	.765	81.1	87.3	9.1	78.2	79.7	.993	79.2	94	E by S and calm	63	1.40	Chiefly cloudy, o, d, p, t.
"	13th	128.4	Nil	.782	81.9	86.4	9.7	76.7	80.1	1.001	79.3	92	S and SE by E	74	0.87	Cloudy, o, g, p, t, d.
"	14th	148.6	4.5	.770	83.0	89.1	11.1	78.0	80.2	0.994	79.0	88	SSW and S	107	0.15	Chiefly cloudy, o, d, p.
"	15th	144.4	3.0	.745	82.1	89.6	11.3	78.3	79.0	.951	77.7	87	S and SSW	129	0.63	Chiefly cloudy, o, p, t.
"	16th	136.7	1.5	.746	83.2	87.4	8.0	79.4	80.0	.982	78.7	86	S by W and S	93	0.19	Chiefly cloudy, d, p.

The mean pressure of the seven days	...	...	...	...	Inches.
The average pressure of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	29.756
The total number of hours of bright sunshine	...	...	...	...	11.6
The maximum possible number of hours of sunshine	...	...	...	...	86.0
The mean temperature of the seven days	...	...	...	...	82.8
The average temperature of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	83.4
The extreme variation of temperature	...	...	...	...	12.9
The maximum temperature	...	...	...	...	89.6
The highest velocity of the wind in one hour	...	...	...	...	Miles. 13
The mean relative humidity	...	...	...	...	88
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	86
The total fall of rain from 10th to 16th September 1899	...	...	...	...	Inches. 3.40
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	2.13
The total fall from 1st January to 16th September 1899	...	...	...	...	63.63
The average fall of the corresponding period for 24 years, Surveyor-General's Office	...	...	...	...	54.37

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h., and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beekley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; t, thunder.

METEOROLOGICAL OFFICE, GOVT. OF INDIA,  
Calcutta, the 16th September 1899.

G. W. KUCHLER,  
For Meteorological Reporter to the Govt. of India.

## IRRIGATION DEPARTMENT, —BENGAL.

Statement showing heights over mean sea-level and low-water in the rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra, for the month of July 1899.

RIVER GANGES.										RIVER BHAGIRATHI.		RIVER JALANGI.		RIVER BRAHMAPUTRA.									
Mirzapur.		Benares.		Buxar.		Dinapore.		Monghyr.		Sahibganj.		Rampur Boalia.		Gosaido.		Barhampore.		Sargaganj.		Gacheti.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1st	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
2nd	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
3rd	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
4th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
5th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
6th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
7th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
8th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
9th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
10th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
11th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
12th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
13th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
14th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
15th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
16th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
17th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
18th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
19th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
20th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
21st	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
22nd	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
23rd	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
24th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
25th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
26th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
27th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
28th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
29th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
30th	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45
31st	30.83	237.05	225.80	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45	234.45

CALCUTTA,  
The 19th September 1899.A. H. C. MACCARTHY,  
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

*Approximate Return of Traffic for the week ending Saturday, the 16th September 1899, as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 16TH SEPTEMBER 1899.			WEEK ENDING SATURDAY, THE 17TH SEPTEMBER 1898.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,127	1,86,445	2,985	316	65,905	1,134
Jute	118	49,815	753	80	26,025	447
Firewood	94	62,325	934	71	56,525	848
Other articles	698	1,67,825	2,346	481	1,12,612	1,976
Total	2,037	4,66,410	6,918	948	2,61,067	4,405



## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for the week ended 2nd September 1899 on 1,710.53 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	(a) 286,197	Rs. A. P. (a) 2,85,581 7 0	Mds. s. (b) 46,19,346 10	Rs. A. P. (b) 7,42,477 0 0	Rs. A. P. (c) 14,741 0 0	Rs. A. P. (c) 10,42,800 7 0	93,024	150,363	240,387
per mile of railway ...	...	166 15 3	...	434 1 0	8 9 11	600 10 2	...	...	...
For previous 8½ weeks of half-year ...	...	...	...	...	...	...	...	...	...
Total for 9½ weeks ...	2,906,281	29,10,000 10 0	3,55,98,933 20	59,75,866 7 0	1,31,093 0 0	79,83,219 10 0	871,524	1,373,434	2,243,948
COMPARISON.									
Total for corresponding week of previous year ...	330,173	3,43,713 5 8	37,43,193 30	(d) 6,72,341 9 5	(e) 30,253 9 3	10,41,308 8 4	94,671	152,444	247,115
per mile of railway corresponding week of previous year ...	...	204 8 3	...	394 5 0	11 14 1	610 11 4	...	...	...
Total for corresponding 9½ weeks of previous year ...	2,789,335	27,31,240 6 2	2,52,11,244 20	64,14,720 8 8	1,92,708 12 4	93,33,678 11 2	850,016	1,410,087	2,260,103

(a) The decrease is chiefly due to the "Pitripakha" and "Bhadra Purnamashee" Meas at Gaya and Baidyanath in the corresponding period of 1898.

(b) Deducted Rs. 24,737, being the estimated amount of rebate on coal for the week.

(c) The increase is chiefly in coal traffic from Jharla Section and food-grains from stations in the Loop district.

(d) Payments on account of mileage and demurrage being more than receipts, nothing is included.

\* Added No. of passengers 13,903 and

† Do. Mds. 32,551 and

‡ Deducted

§ Audited figures up to the week ended 22nd July 1899.

(d) Includes amount of rebates on coal,

(e) " " of mileage and demurrage

## TAKKESUR BRANCH RAILWAY.

Approximate Return of Traffic for the week ended 2nd September 1899 on 22.23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	14,615	Rs. A. P. (a) 3,374 15 0	Mds. s. (b) 11,176 20	Rs. A. P. (b) 457 3 0	Rs. A. P. (c) 9 0 0	Rs. A. P. (c) 3,381 2 0	1,110	78	1,188
per mile of railway ...	...	151 13 1	...	19 10 8	0 6 6	171 14 2	...	...	...
For previous 8½ weeks of half-year ...	...	...	...	...	...	...	...	...	...
Total for 9½ weeks ...	169,765	33,184 3 0	11,21,297 20	13,493 3 0	50 0 0	33,787 6 0	99,030	937	99,967
COMPARISON.									
Total for corresponding week of previous year ...	14,518	3,216 0 0	7,836 0	314 3 0	4 6 6	3,534 10 0	1,106	82	1,188
per mile of railway corresponding week of previous year ...	...	144 10 9	...	14 2 1	0 3 3	159 0 0	...	...	...
Total for corresponding 9½ weeks of previous year ...	171,265	39,110 9 1	78,269 0	2,945 11 0	50 5 0	40,115 9 1	10,508	998	11,506

\* Added No. of passengers 1,331 and

† Ditto Mds. 4,463 and

‡ Audited figures up to the week ended 22nd July 1899.

## DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 2nd September 1899 on 162.24 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	14,704	Rs. A. P. (a) 13,393 8 0	Mds. s. (b) 1,21,016 20	Rs. A. P. (b) 16,329 13 0	Rs. A. P. (c) 65 0 0	Rs. A. P. (c) 29,818 5 0	6,700	3,753	10,453
per mile of railway ...	...	82 8 10	...	100 13 5	0 6 5	183 12 8	...	...	...
For previous 8½ weeks of half-year ...	...	...	...	...	...	...	...	...	...
Total for 9½ weeks ...	160,632	1,34,407 7 0	18,61,723 20	193,851 5 0	243 0 0	2,07,901 12 0	550,907	335,783	886,690
COMPARISON.									
Total for corresponding week of previous year ...	17,019	14,088 6 0	57,324 0	6,020 6 0	45 11 0	20,134 1 0	7,183	2,960	10,143
per mile of railway corresponding week of previous year ...	...	86 10 5	...	37 2 8	0 4 6	124 1 7	...	...	...
Total for corresponding 9½ weeks of previous year ...	167,234	1,31,995 3 1	4,90,491 20	60,774 14 6	491 1 6	2,02,171 2 1	65,998	27,418	93,416

(b) The increase is due to a heavy despatch of wheat from *vid* Umballa Cant. to Delhi and *vid*.

\* Deducted No. of passengers 20 and

† Ditto Mds. 10,615 and

‡ Ditto

§ Audited figures up to the week ended 22nd July 1899.

On account of difference between the approximate and audited figures for the week ended 22nd July 1899.

## SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 2nd September 1899 on 78.63 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings estimated.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	8,108	Rs. A. P. 3,891 4 0	Mds. S. 25,689 10	Rs. A. P. 2,072 5 0	Rs. A. P. 9 0 0	Rs. A. P. 5,972 9 0	896	217	1,113
Or per mile of railway ...	104	48 5 10	326 10	26 4 7	0 1 10	75 12 3	11	2	13
For previous 7½ weeks of half-year.	*38,708	*30,772 15 0	71,12,407 90	19,590 9 0	380 0 0	40,422 8 0	16,069	52,063	68,132
Total for 8½ weeks ...	70,896	51,664 3 0	1,38,097 0	11,652 14 0	78 0 0	46,395 1 0	6,985	2,380	9,365
COMPARISON.									
Total for corresponding week of previous year.	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding week of previous year.	...	...	...	...	...	...	...	...	...
Total for corresponding weeks of previous year.	...	...	...	...	...	...	...	...	...

\* Added No. of passengers 476 and deducted Rs. 626

† Do. Mds. 7,677 and added ... .. 829

‡ Do. ... .. 4

§ Audited figures up to the week ended 22nd July 1899.

On account of difference between the approximate and audited figures for the week ended 22nd July 1899.

## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BIHAR SECTIONS.)

Approximate Return of Traffic and Mileage for the week ended 9th September 1899 on 834 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	199,840	Rs. A. P. 88,410 0 0	Mds. S. 11,78,870 0	Rs. A. P. 2,77,220 0 0	Rs. A. P. 13,630 0 0	Rs. A. P. 3,79,310 0 0	85,000	45,172	1,30,172
Or per mile of railway ...	240	106 0 0	1,411 0	332 0 0	1 0 0	453 0 0	10	5	15
For previous 9 weeks of half-year†	1,795,657	8,29,021 0 0	77,56,043 0	15,39,723 0 0	1,31,000 0 0	24,00,633 0 0	881,820	330,782	1,212,602
Total for 10 weeks ...	1,995,497	9,17,431 0 0	89,35,913 0	18,16,943 0 0	1,44,770 0 0	28,79,143 0 0	966,820	375,954	1,342,774
COMPARISON.									
Total for corresponding week of previous year ...	174,443	71,336 0 0	10,09,751 0	2,30,564 0 0	9,408 0 0	3,11,308 0 0	34,604	29,912	64,516
Per mile of railway corresponding week of previous year ...	213	87 0 0	1,234 0	282 0 0	1 0 0	370 0 0	4	3	7
Total to corresponding date of previous year ...	1,840,514	7,08,603 0 0	83,73,325 0	15,15,476 0 0	1,36,765 0 0	24,20,844 0 0	3,47,840	334,004	681,844

\* Excluding steamer earnings.

† Audited up to 8th July 1899.

NOTE.—Increase is chiefly due to Jute traffic.

## DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 9th September 1899 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	31,280	Rs. A. P. 7,030 0 0	Mds. S. 26,880 0	Rs. A. P. 2,680 0 0	Rs. A. P. 80 0 0	Rs. A. P. 10,070 0 0	2,680	1,314	3,994
Or per mile of railway ...	363	81 0 0	313 0	31 0 0	1 0 0	124 0 0	31	15	46
For previous 9 weeks of half-year†	2,18,340	65,823 0 0	116,342 0	11,042 0 0	986 0 0	77,910 0 0	23,938	12,008	35,946
Total for 10 weeks ...	2,49,620	72,853 0 0	143,222 0	13,722 0 0	1,066 0 0	88,580 0 0	26,638	13,322	39,960
COMPARISON.									
Total for corresponding week of previous year ...	20,267	6,161 0 0	17,816 0	1,453 0 0	60 0 0	7,712 0 0	2,333	1,460	3,793
Per mile of railway corresponding week of previous year ...	236	72 0 0	207 0	17 0 0	1 0 0	90 0 0	27	17	44
Total to corresponding date of previous year†	2,33,300	63,690 0 0	215,289 0	14,907 0 0	1,806 0 0	85,408 0 0	24,366*	11,300	35,666

\* 872 Excess taken in goods train miles in week ending 2nd September 1899 adjusted.

† Audited up to 8th July 1899.

## MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 9th September 1899 on 33 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,370	710 0 0	4,530 0	200 0 0	...	1,000 0 0	280	1,202	*1,872
Or per mile of railway ...	102	21 0 0	137 0	9 0 0	...	30 0 0	...	...	...
For previous 9 weeks of half-year† ...	20,363	6,218 0 0	13,451 0	1,538 0 0	14 0 0	7,770 0 0	2,630	8,060	10,690
Total for 10 weeks ...	20,733	6,928 0 0	17,981 0	1,828 0 0	14 0 0	8,770 0 0	2,910	9,352	12,262
COMPARISON.									
Total for corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Or per mile of railway corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year ...	...	...	...	...	...	...	...	...	...

\* Includes ballast train-miles 646.  
† Audited up to 8th July 1899.

## BRAHMAPUTRA-SULTANPUR RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 9th September 1899 on 24.75 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.*
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,220	330 0 0	5,810 0	1,030 0 0	110 0 0	1,470 0 0	180	758	708
Or per mile of railway ...	49	13 0 0	236 0	42 0 0	4 0 0	59 0 0	...	...	...
For previous 9 weeks of half-year† ...	12,318	3,361 0 0	57,407 0	3,414 0 0	505 0 0	7,280 0 0	1,787	8,453	10,240
Total for 10 weeks ...	13,538	3,691 0 0	63,217 0	4,444 0 0	615 0 0	8,750 0 0	1,967	8,981	10,948
COMPARISON.									
Total for corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Or per mile of railway corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year ...	...	...	...	...	...	...	...	...	...

\* Audited up to 8th July 1899.  
† Includes ballast train-miles 358.

## COOCH BEHAR STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 9th September 1899 on 33.73 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Passengers carried.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,400	530 0 0	8,202 0	860 0 0	70 0 0	1,400 0 0	300	†1,108	1,408
Or per mile of railway ...	43	16 0 0	243 0	26 0 0	...	42 0 0	...	...	...
For previous 9 weeks of half-year(a) ...	15,809	6,056 0 0	47,291 0	6,312 0 0	406 0 0	12,864 0 0	3,173	7,711	10,884
Total for 10 weeks ...	17,309	6,586 0 0	55,493 0	7,172 0 0	506 0 0	14,324 0 0	3,473	8,819	12,292
COMPARISON.									
Total for corresponding week of previous year ...	1,093	337 0 0	4,679 0	535 0 0	99 0 0	1,071 0 0	166	422	588
Or per mile of railway corresponding week of previous year ...	49	16 0 0	221 0	26 0 0	...	44 0 0	...	...	...
Total to corresponding date of previous year ...	12,038	4,148 0 0	33,634 0	3,327 0 0	1,009 0 0	8,463 0 0	1,858	6,965	7,823

\* Excluding Coaching ferry Rs. 65.  
† Includes ballast train-miles 673.  
(a) Audited up to 8th July 1899.



**BENGAL CENTRAL RAILWAY COMPANY, LIMITED.**

*Approximate Return of Traffic and mileage for the week ended 2nd September 1899 on 139 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	26,662	Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Or per mile of railway ...	205	11,115 0 0	94,938 0	10,169 0 0	202 0 0	21,486 0 0	4,642	4,475	9,117
For previous 6 weeks of half-year.*	269,607	1,04,212 0 0	5,06,410 0	51,010 0 0	10,967 0 0	1,06,179 0 0	29,940	24,469	54,409
Total for 9 weeks ...	296,269	1,15,327 0 0	6,03,346 0	61,179 0 0	11,169 0 0	1,27,655 0 0	44,482	38,943	83,425
COMPARISON.									
Total for corresponding week of previous year ...	31,778	9,610 0 0	41,662 0	3,167 0 0	184 0 0	12,961 0 0	4,367	2,985	7,352
Per mile of railway corresponding week of previous year ...	254	77 6 0	333 0	25 0 0	3 0 0	104 0 0			
Total to corresponding date of previous year ...	300,672	1,01,721 0 0	5,79,692 0	51,417 0 0	2,466 0 0	1,35,636 0 0	39,677	25,780	65,457

\* Audited up to 22nd July 1999.

† Coaching traffic calculated on 180 miles only.

**BENGAL AND NORTH-WESTERN RAILWAY.**

*Approximate Return of Traffic for the week ending 9th September 1899 on 1,085 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Wright carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week on 1,085 miles open ...	126,810	44,060	4,34,790	55,330	12,260	1(5)1,12,590	26,817	(b)23,709	50,526
Or per mile of railway ...	116'28	40'61	391'51	50'92	12'24	108'77	.....	.....	.....
For previous 94 weeks of half-year ...	1,315,890	4,60,960	47,62,740	5,61,150	1,41,040	11,69,150	2,35,323	2,44,139	479,462
[Total for 104 weeks ...]	1,342,700	5,11,020	51,87,530	6,16,400	1,54,300	12,51,740	2,62,330	2,67,848	530,178
COMPARISON.									
Total for corresponding week of previous year on 925 miles open	101,123	42,761	2,77,709	34,165	9,303	56,169	23,828	(c)17,393	41,221
Per mile of railway corresponding week of previous year ...	109'32	46'23	300'23	36'87	10'06	58'16	.....	.....	.....
Total to corresponding date of previous year ...	1,129,177	4,23,868	4,648,794	5,76,169	1,38,872	11,57,429	2,24,047	2,40,184	474,231

(s) Increase is due to the increased mileage. The small increase in amount under coaching compared with large increase in numbers is due to the reduction of fares.

(b) Includes 6,483 miles of ballast trains run on open line.

(b)	Includes 8,400 miles of railroad track on open
(c)	" 3,300 " " "

## ASSAM-BENGAL RAILWAY.

*Approximate Return of Traffic for the week ended 2nd September 1899 on 396 miles open for all descriptions of Traffic and an additional 23 miles for goods and parcels traffic only.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,392	10,615 0 0	2,28,974 0	18,256 0 0	233 0 0	23,204 0 0	3,175	7,396	10,571
Or per mile of railway ...	46'44	90'81	582'98	29'14	0'55	50'50	8'02	17'28	25'30
For previous 8 weeks of half-year* ...	172,083	97,501 0 0	21,30,083 0	96,788 0 0	5,851 0 0	2,08,137 0 0	28,713	59,929	88,642
Total for 9 weeks ...	191,015	1,08,116 0 0	23,66,667 0	1,11,141 0 0	6,084 0 0	2,25,341 0 0	31,888	67,255	99,143
COMPARISON.									
Total for corresponding week of previous year ...	15,838	8,189 0 0	2,41,440 0	11,453 0 0	419 0 0	20,031 0 0	2,461	5,097	7,558
Per mile of railway corresponding week of previous year ...	56'77	28'73	824'03	39'09	1'43	60'25	8'07	17'39	25'06
Total to corresponding date of previous year ...	170,947	91,087 0 0	23,33,028 0	1,04,637 0 0	5,746 0 0	3,01,400 0 0	28,251	48,523	71,774

\* includes audited figures up to week ending 22nd July 1999.



## FINANCIAL YEAR.

*Approximate Statement of Gross Receipts of the Assam-Bengal Railway.*

RECEIPTS FOR WEEK ENDING 2ND SEPTEMBER 1899.			RECEIPTS FOR WEEK ENDING 3RD SEPTEMBER 1898.			TOTAL RECEIPTS FROM 1ST APRIL 1899 TO 2ND SEPTEMBER 1899.			TOTAL RECEIPTS FROM 1ST APRIL 1898 TO 3RD SEPTEMBER 1898.			Total increase in 1899.	Total decrease in 1899.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
424	Rs. 23,304	Rs. 56.50	230	Rs. 30,031	Rs. 69.25	424	Rs. 6,07,380	.....	203	Rs. 5,46,387	.....	Rs. 66,873	.....

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

						Rs.	A.	P.
Approximate earnings for the week ending 9th September 1899	...	...	...	...	...	12,821	0	0
Ditto for the corresponding period of 1898	...	...	...	...	...	15,760	0	0
Decrease	...	...	...	...	...	2,929	0	0
Receipts per mile for the week ending 9th September 1899	...	...	...	...	...	251	6	3
Ditto for the corresponding period of 1898	...	...	...	...	...	308	13	2
Decrease	...	...	...	...	...	57	6	11
Receipts from 1st July to 9th September 1899	...	...	...	...	...	1,33,273	0	0
Ditto for the corresponding period of 1898	...	...	...	...	...	1,31,007	0	0
Decrease	...	...	...	...	...	7,734	0	0



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, SEPTEMBER 27, 1899.

## OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.]

### CONTENTS.

	Page.		Page.
RESOLUTION on the Report on the Administration of the Police Department for the year 1898	1697	RESULTS of the Meteorological Observations taken at the Allpore Observatory from 17th to 23rd September 1899	1693
Working of the Bengal Jute Warehouse and Fire-Brigade Act in the Comipore-Chitpur and Maniktala Municipalities	1671	Areas leased for Irrigation up to end of August 1899	1664
Weather and Crop Report for the week ending 25th September 1899	1675	Circular and Eastern Canals for the week ending Saturday, the 23rd September 1899	1685
Statement showing the quantities of the Principal Staples of Traffic imported and exported into Calcutta from the interior during the month of June 1899	1679	Bengal Central Railway for the month of July 1899	1686
		Weekly return of Traffic Receipts on Indian Railways	1688

### RESOLUTION ON THE REPORT ON THE ADMINISTRATION OF THE POLICE DEPARTMENT FOR THE YEAR 1898.

No. 4475J.

### RESOLUTION.

POLICE.

Calcutta, the 25th September 1899.

READ—

The Report on the Administration of the Police Department for the year 1898.

Read also—

The Report for the year 1897 and the Resolution of Government recorded thereon.

Mr. Henry held the office of Inspector-General of Police during nine months of the year, Mr. Pratt, Deputy Inspector-General of Police, officiating during the remaining three months, when he was absent on privilege leave. Since the beginning of the present year Mr. Henry has been granted long leave, and has been succeeded by Mr. Greer, who has submitted the present report. The reports of the Divisional Commissioners were received by the Inspector-General with fair punctuality, and his report was submitted to Government on the prescribed date. Subsequently, however, many errors were found in the statistics supplied in the report, and this necessitated a revision, which was not completed until the 4th September. The arrangements for the compilation of the statements of the report in the Inspector-General's Office have been defective, and the Lieutenant-Governor trusts that the requisite steps will be taken to ensure accuracy in the future. Careful instructions to the District Superintendents of Police for the preparation of their statistics in accordance with the orders issued by the Government of India in the Home

Department Resolution No. <sup>Police</sup> 594-36, dated the 25th September 1896, appear to be also needed, in order to secure uniformity.

2. *Constitution of the Force.*—The sanctioned staff of superior officers, including Inspectors, was the same as in the previous year. There was an increase of 83 Sub-Inspectors and 145 constables, and a decrease of 65 head-constables and 156 town chaukidars, these changes being mainly the result of substituting Sub-Inspectors for head-constables and constables for town chaukidars. As in the previous year, a considerable number of appointments of Sub-Inspector and head-constable was left vacant at the end of the year. The Sub-Inspectorships were reserved for passed candidates of the training school at Bhagalpur, and the head-constablerships for conversion into Sub-Inspectorships, in accordance with the scheme sanctioned by Government on the recommendation of the Police Redistribution Committee. There were also 183 vacancies in the ranks of constables, and these were due to difficulty in recruitment.

3. *Expenditure.*—The following compares the actual expenditure of the year with that of the preceding year under different heads :—

Sub-heads.	HEADS OF CHARGES.	Actual expenditure for 1897-98.	Actual expenditure for 1898-99.	Increase.	Decrease.
1	2	3	4	5	6
		Rs.	Rs.	Rs.	Rs.
1	Inspecting agency ...	1,59,245	1,68,060	8,805	...
2	Pay of District and Assistant Superintendents ...	4,80,814	4,96,507	15,693	...
3	Pay of Executive Police and establishments, with good-conduct pay and batta allowances, &c. ...	36,14,954	34,04,497	...	2,10,457
4	Travelling allowances ...	1,27,481	1,33,265	5,774	...
5	Fixed boat establishment ...	65,438	67,701	2,263	...
6	Special, regular and contract contingencies ...	6,28,914	5,90,306	...	38,608
7	Government contribution to the Municipal and Railway Police ...	1,79,761	1,66,381	...	13,480
8	Bengal Military Police ...	62,967	66,108	3,140	...
	Total ...	53,09,564	50,92,753	45,684	2,62,495
	Net decrease ...	...	...	...	2,10,811

A net decrease of Rs. 2,16,811 appears, of which Rs. 2,10,457 was due to the discontinuance of the allowance granted in the previous year as compensation for dearness of provisions. The figures of expenditure are, however, still subject to final adjustment in the Accountant-General's office. The budget estimates were again largely exceeded, although no large item of unexpected expenditure had to be met during the year. Greater care in preparing them must be exercised.

4. *Recruitment of investigating officers.*—Five appointments of Inspector and 143 of Sub-Inspector were given during the year to students who had passed through the training school at Bhagalpur. Ten students after undergoing the course at the school failed to qualify for any appointment. Of the total of 158 students who thus passed through the school, 82 were selected for admission into the school on the results of competitive examinations, which are held twice during the year, 13 were admitted by nomination without being required to appear at an open examination, and the remainder were selected police officers already in the service of Government. The school year at Bhagalpur is divided into three terms, and no set of students receive training for more than one term, or three months. The first and third terms are devoted to the candidates selected at the two competitive examinations, the second being set aside for the training of English-knowing officers already in the force. In last year's report Mr. Henry expressed his opinion that the period of training was too short to be really effectual. This appears to be the case, and the Government will be prepared to consider any proposal which the Inspector-General of Police may desire to submit in the matter. The Sub-Inspectors

who are appointed from the training school appear, on the whole, to give satisfaction. It is very necessary, in the interests of the newly-appointed young officers themselves, as well as of police work, that they should be retained for a time in posts where they may acquire practical experience under close supervision before they are sent to independent charges.

5. *Town Police.*—The total strength of the town police of the Province at the end of the year was 5,506 officers and men. This force was employed in providing police protection to 153 towns. A reduction was made in the number of town chaukidars and an increase in the number of constables, the total of constables being 3,109 at the end of the year against 2,994 at the beginning, that of chaukidars having been reduced from 2,182 to 2,026. The system of night patrol which requires the police to be constantly moving and provides for a self-checking record of their movements is now in force in nearly all the larger towns to which such a system is suited. The complaint is again made that many municipalities do not sufficiently help the police by providing adequate street-lighting, or by supplying oil for police lanterns where efficient street-lighting is beyond their means. This matter has repeatedly been brought to the notice of the municipalities, and should still be pressed whenever their financial position admits of their making provision for the expenditure.

6. *Rural Police.*—The total number of village chaukidars at the beginning of the year was 166,222, of whom 117,999 were under the Village Chaukidari Act, VI (B.C.) of 1870, or Act V (B.C.) of 1887, which is the corresponding enactment for the Chota Nagpur Division. The remainder were either under Regulation XX of 1817, or were holders of service tenures of various kinds. At the close of the year the total number had been reduced to 161,967, through the abolition of a large number of the chaukidars under Regulation XX or remunerated by service lands, and the substitution of fewer men appointed under the Acts. The total number of chaukidars under the Acts at the end of the year was 122,195 against 117,999 at the end of the preceding year, the other classes of chaukidars having been reduced during the year from 48,222 to 39,772. In the Burdwan Division, which still has the largest number of chaukidars not under the Village Chaukidari Act, satisfactory progress was made during the year in the substitution of chaukidars appointed under the Act, the number of cases dealt with being more than double that of the previous year. The estimated value of the annual cash emoluments of chaukidars now amounts to Rs. 68,19,499, giving an average monthly wage of somewhat less than Rs. 3-8 per head. The appointment of dafadars to supervise this large body of men made much progress. The total number of these men at the end of 1898 was 5,851 against 3,646 at the end of the preceding year. The Dacca and Patna Divisions take the lead in this matter. The Lieutenant-Governor trusts that the position which these men should occupy as head chaukidars has been, and will be kept steadily in view. They should closely supervise the chaukidars in their duty of watch and ward, and should be responsible, jointly with the chaukidars, for the reporting of occurrences within their circles to the station police; but they should not in any way be assimilated to the regular police and given a status akin to that of inferior police officers. They are more likely to give satisfaction to the people, by whom they are paid, and to prove a desirable class of officers, if they remain purely rural policemen.

Since the close of the year a notification has issued extending the Village Chaukidari Act of 1870 to the districts of Cuttack, Balasore and Puri in the Orissa Division, and it now rests with the District Officers to take prompt action to give effect to the provisions of the Act. The introduction of the Act will greatly improve the chaukidari system, which has hitherto depended on service lands, generally inadequate, for the remuneration of the village police. It was deferred until the resumption of the lands could be carried out, and this has now been accomplished in the present resettlement of the Province.

The reorganization of the Sonthal Parganas chaukidari system has been for some time under the consideration of the Government, and a draft Regulation under 33 Vic., Cap. 3, has recently been submitted for the orders of the Governor-General in Council. The object of the measure is to preserve, but regularise, the existing local system, strengthening and improving it where



it is weak or defective. As in Orissa, it is necessary to provide for the better and more regular remuneration of the chaukidars.

7. *Rewards granted and fines inflicted on chaukidars.*—The various District Chaukidari Reward Funds started the year with a balance of Rs. 56,378, and the amount credited to them during the year amounted to Rs. 57,643. The latter sum is large, the corresponding figure for the previous year being Rs. 35,293. All penalties, including fines on chaukidars, realised under Act VI (B.C.) of 1870, are credited to the funds. Mymensingh shows Rs. 13,053 credited to the district fund during the year. This is a very large amount, and the Commissioner will be requested to report the respective proportions of penalties and fines on chaukidars of which it is made up. Along with the increase in income there was a corresponding rise in the total of rewards paid out of the funds to deserving chaukidars, the disbursements on this account amounting to Rs. 45,037 against Rs. 32,946 in 1897. In the Jessore district a system has been introduced of granting good-conduct allowances of one rupee per mensem to chaukidars who have done good work, the charge being debited to the District Chaukidari Reward Fund. The system has the Lieutenant-Governor's approval, provided that too large a liability is not incurred on this account.

8. *Station beat system.*—This system, which was noticed in the Report and Resolution of last year, was continued during the period under review. It consists of the deputation of constables from the stations at regular intervals to visit the rural areas, divided into beats, and report any matters of interest and importance to the police. It is reported to have had some success in about twenty districts. Elsewhere it could not be regularly carried out, owing to pressure of work, sickness among the constables and difficulty of locomotion during the rains. It was pointed out in last year's Resolution that it was desirable to restrict the system to villages which are known to be the residence or resort of bad characters, in order to avoid harassment to the people, and the Lieutenant-Governor trusts to the discretion of the Inspector-General in extending it with great circumspection. In localities, where the appointment of daffadars has provided for satisfactory reporting, this additional security might possibly be dispensed with.

9. *Railway Police.*—The total sanctioned strength of the Railway Police amounted to 675 at the end of the year against 670 at the beginning, one Inspector and one head-constable having been added to the strength of the Assam-Bengal Railway police, and one head-constable and two constables sanctioned for the Mymensingh-Jamalpur extension of the Eastern Bengal State Railway. The question of the control of the railway police on the Bengal-Nagpur Railway formed the subject of correspondence with the Government of India. It was at first proposed that the control of the force throughout the line should vest in the Administration of the Central Provinces. In view, however, of the projected transfer of the head-quarters of the Company from Nagpur to Calcutta and of the fact that in the near future much the larger portion of the line would lie in Bengal, it has been decided by the Government of India that this Government should control the police on the whole line.

10. *Temporary Force.*—The outbreak of plague necessitated the employment of a large temporary force of police. A staff of 3 Inspectors, 4 sergeants, 52 head-constables, and 187 constables was employed at the Plague Observation Camps at Chausa, Mairwa, Chakradharpur, and Khurda, and at other places, and a temporary addition of 20 head-constables and 300 constables was made to the police reserves of certain districts, as a precaution against any sudden demand for men arising from the presence of plague in the Province.

11. *Special constables and additional and private police.*—The number of cases in which special constables were appointed under section 17 of Act V of 1861 was 10 against 19 in the previous year. The total number of persons appointed was 612, of whom 529 were employed for some days in the Darbhanga district to assist in keeping the peace at the Sadar station and at the head-quarters station of the Madhubani subdivision on the occasion of the Bakri Id and the Muharram festivals. A similar precautionary measure was thought advisable in 1897; but, as local feeling at those festivals subsides, less resort

should be had to the provisions of the section. The number of cases in which additional police were entertained under section 15 of the Act was 10 against 13 in the preceding year. The largest force sanctioned was one of 57 officers and men quartered in and around Ghatal in the Midnapore district owing to the attitude of the people in connection with precautions to meet the plague. Two Inspectors, 12 Sub-Inspectors, 37 head-constables and 482 constables were supplied to private individuals at their own cost under section 13 of the Police Act.

12. *Military Police.*—The sanctioned strength of the Military Police at the end of 1898 consisted of four companies, each one hundred strong, one new company having been added during the year for employment in the neighbourhood of Calcutta in the event of disturbances among the operatives employed in the numerous mills on the banks of the Hooghly. The three companies previously existing were maintained at their full strength at Dacca, Dumka and Bhagalpur, respectively. A new barrack is under construction for the accommodation of the A Company at Dacca. The newly-sanctioned company has been temporarily accommodated at Bandel near Hooghly, pending the construction of permanent barracks, the selection of the site for which is still under the consideration of Government. A healthy and fairly central site near the river is necessary, and it has not yet been obtained. A detachment of the C Company was deputed from Bhagalpur for duty in Calcutta during the plague riots, and was of much assistance to the Commissioner of Police. On the occasion of the Bakri Id a portion of the Dumka Company was sent to take its place at Bhagalpur, to be in readiness on the line of rail should any district require its help. Fortunately no such need arose.

13. *District Police Reserve.*—As stated above, a temporary increase of 20 head-constables and 300 constables, to meet contingencies arising out of the plague, was specially sanctioned by Government. The extra force has been distributed at different head-quarter stations whence the men can be easily transferred when required. A permanent addition of one Sub-Inspector, two head-constables, and 30 constables was made to the District Police Reserve in Howrah, as a supplement to the formation of a company of Military Police for the neighbourhood of Calcutta.

14. *Casualties.*—The percentage of casualties due to deaths, retirements, discharges, &c., was practically the same as in the preceding year, being 8·2 against 8·3 in 1897. The average daily percentage of sick in hospital to actual strength was 1·2 against 1·3 in the preceding year. The average was highest (1·7) in the Presidency, Rajshahi, and Chota Nagpur Divisions, and lowest in the Railway Police (·3) and in the Chittagong Division (·8). These figures do not, however, represent the real proportion of the force rendered inefficient by ill-health. There are hospitals only at the head-quarters of the districts, and officers and men are frequently ill for short periods at police-stations in the interior while others have to take leave owing to sickness.

15. *Torture and extortion by the Police.*—Fewer charges of torture were laid against the police during 1898, the number being 13 against 23 in the preceding year. Two of these did not come before the Magistrates, there being no evidence. Of the remainder, only four were declared to be true cases of torture. The other cases were found to be false, either maliciously or through a mistake of fact, or to be offences under minor sections of the Penal Code. Convictions were obtained in two cases. In one of the cases declared false, the complainant was prosecuted and convicted under section 211 of the Indian Penal Code. Charges of extortion were also fewer, there being 85, as compared with 149 in the previous year. Of these, 83 came before the Magistrates, and were disposed of during the year, with the result that 12 were dismissed under section 203 of the Code of Criminal Procedure, 45 were declared to be false or due to a mistake of fact, and 9 ended in acquittal or discharge, 13 in conviction for extortion, and 3 in conviction on other charges. One case was withdrawn. In Mymensingh, where the very large number of charges against the police has been noticed in previous years as indicating systematic persecution, there were only 15 complaints of extortion in the past year, all of which were declared false by the Magistrates, against 27 in 1897.

16. *Punishments.*—The number of officers and men punished shows a considerable increase as compared with the previous year, the number judicially

convicted and sentenced being 418 against 334 in 1897 and that punished departmentally 3,856 against 3,278. The number punished departmentally with fine shows an increase from 1,471 to 1,764, and the average amount of fine inflicted was higher than in the preceding year. The Lieutenant-Governor is sorry to find that the orders which have been so frequently given in this matter are by some District Superintendents so persistently disregarded. It is impossible to maintain a contented police force, if men and officers alike are subjected to fine and departmental punishment for every little offence. If a man is not brought up by a repeated warning, it is better to get rid of him altogether. It is evidently useless to give mere general instructions, and the Lieutenant-Governor requests the Inspector-General to submit the explanations of the District Superintendents of the districts of Jessore, Saran, Bhagalpur and Cuttack. In the first of these districts the punishments aggregated no less than 77 per cent. of the numbers of the officers and men of the District Police.

17. *Conduct of the Police.*—There was an increase of men wearing good-conduct stripes from 9,575 to 10,792. The increase in the number of schools for the education of the rank and file of the police, which has been more than doubled during the year, is satisfactory. These schools now exist at the headquarters of 38 districts. As regards the conduct of the police generally, the reports of the local officers are, with some exceptions, favourable. Improvement is observed, and it will increase with the gradual removal of the bad officers and the close supervision which is exercised by the Magistrates and Commissioners and the superior officers of the Department. The reduction in the number of charges of extortion and torture is a feature of the past year which may be cited to the credit of the police. The discipline of the force, when deputed to maintain order on occasions of religious excitement, has always been good.

18. *Inspections.*—Mr. Henry was on tour for 77, and Mr. Pratt for 58 days. All the districts were inspected either by the Inspector-General or by one of the Deputy Inspectors-General, with the exception of the districts of Palamau and the 24-Parganas. In the case of the latter district this omission should not have occurred, and it is understood that an inspection has been carried out in the present year. Midnapore, Patna, Pabna and Backergunge show the largest number of heinous cases locally investigated by the District Superintendent of Police. In Balasore no cases were so investigated, while in each of the districts of Darjeeling, Palamau, Furi and Singhbhum there was only one.

19. *Suicides and accidental deaths.*—The number of suicides was approximately the same as in the preceding year, being 3,362 against 3,366 in 1897. The largest number of such deaths was in Cuttack (296), after which come Nadia with 252, Jessore with 216, Saran with 183, Dacca with 177, and the 24-Parganas with 164 cases. The number of accidental deaths was 33,670 against 46,412 in 1897. The bulk of the decrease is under the head "Drowning," which shows 11,093 less deaths than in the preceding year, the explanation being that the cyclone and storm-wave in the Chittagong district caused an abnormal number of deaths under this head in 1897.

20. *Crime.*—The following table shows the incidence of cognizable crime according to Divisions, excluding nuisance cases and cases not investigated:—

DIVISIONS.	Police.	Population.	Cognizable crimes (minus public and local nuisances, serial No. 57) actually investigated.		Proportion of police to population.	Proportion of police to cases of cognizable crime investigated.		Proportion of cases of cognizable crime investigated to population.						
	1898.	1897.	1897.	1898.	1898.	1897.	1898.	1897.	1898.					
1	2	3	4	5	6	7	8	9	10					
					Police-man.	Per-sons.	Police-man.	Cases.	Police-man.	Cases.	Cases.	Per-sons.	Cases.	Per-sons.
Burdwan ... ..	3,624	7,686,618	11,761	11,663	1 to	2,121	1 to	32	1 to	32	1 to	659	1 to	659
Presidency ... ..	3,729	7,853,660	13,185	13,063	1 "	2,111	1 "	35	1 "	35	1 to	695	1 "	695
Rajshahi ... ..	2,702	8,011,187	10,400	11,371	1 "	2,907	1 "	38	1 "	42	1 "	764	1 "	765
Dacca ... ..	2,452	9,844,127	12,243	13,643	1 "	4,014	1 "	48	1 "	55	1 "	804	1 "	737
Chittagong ... ..	1,163	4,082,795	8,210	8,112	1 "	3,644	1 "	27	1 "	41	1 "	1,271	1 "	846
Patna ... ..	4,686	15,811,004	26,016	19,068	1 "	3,417	1 "	58	1 "	42	1 "	607	1 "	803
Bhagalpur ... ..	3,187	8,582,490	14,928	11,871	1 "	3,024	1 "	68	1 "	54	1 "	574	1 "	722
Orissa ... ..	1,346	4,047,562	4,890	6,083	1 "	3,006	1 "	36	1 "	45	1 "	520	1 "	625
Chota Nagpur ... ..	1,700	4,628,792	9,828	7,626	1 "	2,722	1 "	57	1 "	44	1 "	470	1 "	615

The fall in the number of cognizable cases investigated throughout the Province from 106,561 in 1897 to 99,628 in the year under review must have given relief to the police generally. In 1897 the proportion of cognizable cases investigated to police officers of all ranks was so high as 6·8 and 5·8 in the Bhagalpur and Patna Divisions. In 1898 the highest numbers of cases per head of the police force were 5·5 in the Dacca Division and 5·4 in the Bhagalpur Division. These two Divisions have the smallest proportion of policemen to population, there being in the Dacca Division only one policeman to 4,014, and in Bhagalpur one policeman to 3,924 inhabitants. In Dacca it is explained that the small proportion is mainly due to the relative smallness of the staff in the Mymensingh district. For the last three years the Government has sanctioned the temporary entertainment of five additional Sub-Inspectors in that district for the investigation of crime, and five additional officers have recently been deputed for special work in connection with cases of outrages on, and kidnapping of, women, which have been prevalent in the district for many years. If a permanent addition to the force is necessary, the Inspector-General of Police should address the Government on the matter. A comparison of the cognizable crime of the whole Province, excluding public and local nuisances, with that reported in the other Provinces of India shows that Bengal holds the lowest place for such crime in proportion to population. The task of the police in suppressing crime has, however, been increased in recent years by the opening of railways, which has led to a great influx of labourers from Northern India and facilitated the movements of criminals.

21. *Police tests.*—The following statement shows the results of police work during the last three years as judged by the usual tests:—

		Percentage of cases investigated to cases reported.	Percentage of cases ending in conviction to cases decided.	Percentage of persons con- victed to persons sent up for trial.
Classes I to V taken together	1896	72	77	58
	1897	70	76	61
	1898	73	68	56
Do I to VI ditto	1896	78	87	74
	1897	76	86	75
	1898	78	83	72

Class VI includes a large number of petty cases of nuisances.

The percentage of cases investigated by the police shows an increase in the past year, but the investigations, judged by the results in the Courts, were less successful. It is of course true that in famine years there are many cases of simple theft in which the proof is easy, but with every allowance for this factor the outcome of the year is disappointing. The best results were obtained in the districts of Chittagong, Singhbhum, Cuttack, Howrah and Darjeeling. Each of these districts stood high in the list last year also. The most unfavourable results appear against Palamau, Purnea, Dinajpur, Monghyr and Pabna. The Lieutenant-Governor agrees with the Inspector-General's view as to the need of a good detective department. Officers of the Inspector-General's Reserve are now deputed from time to time for detective work, but they are ordinarily employed on office duties, and it has not been possible to meet the calls which have arisen for special officers to deal with serious outbreaks of crime without taking men from the district police. It is desirable that the Inspector-General should have a Reserve adequate for these requirements, and he has already been instructed to prepare a scheme for the strengthening of his Reserve. The men should be specially selected for their experience, trustworthiness and detective ability.

22. *Reported crime of the Province.*—The following statement shows the totals of reported crime, cognizable and non-cognizable, during each of the last ten years. The total of cognizable crime in 1897 was abnormal owing to the famine, and it was followed by an anticipated decrease in the past year. The figure for 1898 still, however, shows a large increase over that for 1896, and is higher than any total of the decade, that for 1897 excepted. The figure for non-cognizable crime approximates closely to that for 1896. The total for 1897 was lower than probably it would otherwise have been owing to



the generally straitened circumstances of the people in a year of famine, which check resort to the criminal courts in petty cases.

Year.	Cognizable crime.	Non-cognizable crime.	Total reported crime of the Province.
1889	119,656	117,407	237,063
1890	117,443	116,554	233,997
1891	128,472	119,072	247,544
1892	146,185	121,624	267,809
1893	137,898	121,490	259,388
1894	140,902	118,070	258,972
1895	136,777	125,685	262,462
1896	147,433	129,439	276,872
1897	185,061	125,770	310,831
1898	171,993	129,935	301,928

23. *Incidence of reported crime by Divisions.*—The incidence of cognizable and non-cognizable and total crime in each Division of the Province for the last three years is shown in the following statement:—

DIVISION.	Population.	Cognizable crime.				Non-cognizable crime.			Total crime.	
	1891.	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.
1	2	3	4	5	6	7	8	9	10	11
Burdwan	7,644,818	22,026	27,671	25,931	20,091	21,436	21,711	43,017	40,107	47,642
Presidency	7,853,660	17,884	21,940	21,093	17,508	18,402	22,066	36,302	40,882	44,658
Rajshahi	8,019,187	15,475	16,909	17,325	9,916	8,737	9,643	25,300	26,640	26,888
Dacca	9,844,127	22,638	23,334	23,584	22,690	20,101	20,840	45,366	43,435	44,136
Chittagoong	4,082,795	7,316	8,801	9,035	14,253	15,036	14,733	21,400	23,927	24,668
Total Bengal	37,438,468	86,137	96,795	96,470	85,357	84,208	89,531	171,494	182,997	187,991
Patna	15,811,014	30,058	30,148	30,065	18,157	18,577	16,807	48,213	57,723	46,672
Bhagalpur	8,582,490	16,076	23,313	19,164	14,745	12,428	13,263	30,921	36,741	32,427
Total Bihar	24,393,504	46,134	53,461	49,229	32,902	31,005	30,070	79,034	94,464	79,099
Orissa	4,047,352	6,474	9,009	12,721	6,461	6,788	7,180	12,985	16,347	19,901
Chota Nagpur	4,626,792	8,060	14,199	11,573	4,719	3,825	3,364	13,409	18,023	14,937
GRAND TOTAL	70,558,141	147,433	186,061	171,993	129,439	133,770	129,935	276,872	310,831	301,928

The Bihar Divisions, where famine was most severely felt, show, as was to be expected, the largest decrease of cognizable crime, the cases reported in the Patna and Bhagalpur Divisions having been respectively 9,081 and 4,149 fewer than in 1897. Chota Nagpur comes next, with a decrease of 2,625 cases.

24. *False cases.*—The following statement shows the number and percentage of cases declared maliciously false in each of the last five years, with the results of prosecutions instituted against complainants in such cases, and the number of cases in which order was passed for payment of compensation to the accused under section 250 of the Code of Criminal Procedure:—

	1894.	1895.	1896.	1897.	1898.
1	2	3	4	5	6
Number of cases declared to be false	6,634	6,736	6,891	6,141	5,864
Percentage of cases declared to be false	4.7	4.9	4.6	3.3	3.4
Number of cases in which prosecution was instituted.	695	584	627	600	626
Percentage of prosecutions resulting in conviction.	29.5	38.3	35.2	37.8	38.4
Number of cases in which order was passed for payment of compensation to the accused under section 250, Criminal Procedure Code.	697	626	617	611	489

The gradual decrease in the percentage of cases declared false (the increase last year being very slight) is a satisfactory feature in the crime returns. The

increase in convictions for false charges in the past year is also an indication that greater attention has been paid to the necessity of prosecuting in all cases in which evidence is available, and this should be maintained.

The districts of Midnapore, Dacca, Mymensingh, Patna, Saran, Darbhanga, Monghyr and Ranchi return the largest number of cases declared false, while the largest number of convictions for false cases was obtained in Midnapore, Khulna, Patna, Gaya, Purnea, Puri, Manbhum and Singhbhum. The districts in which most use was made of section 250 of the Code of Criminal Procedure were Burdwan, Midnapore, Dacca, Shahabad, Muzaffarpur and Puri. The section can be applied only in cases which have been judicially heard, but in such cases it affords a ready means of imposing some penalty for frivolous or vexatious charges.

The total number of cases returned as false owing to mistake of law or fact was 10,598 in the past year against 12,571 in 1898.

25. *Abstention from enquiry by the Police under section 157, Criminal Procedure Code.*—The following statement shows the extent to which, in each of the last four years use has been made by the police, in respect of cases of theft and house-breaking, of the power of refusing enquiry conferred by section 157 of the Code of Criminal Procedure—

DIVISION.	Number of cases (house-breaking, serial 36) reported.				Percentage not enquired into.				Number of cases (theft, ordinary, serial 44) reported.				Percentage not enquired into.			
	1895.	1896.	1897.	1898.	1895.	1896.	1897.	1898.	1895.	1896.	1897.	1898.	1895.	1896.	1897.	1898.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Burdwan ...	2,603	3,289	4,206	3,210	24.7	17.1	11.6	16.1	4,328	4,516	4,020	4,093	14.6	11.7	12.3	11.1
Presidency ...	4,035	4,528	5,712	3,990	24.5	15.2	10.2	12.2	3,005	3,735	3,837	3,576	12.2	11.3	15.3	8.5
Rajshahi ...	4,131	4,344	4,457	4,146	25.8	18.9	10.2	12.3	4,678	4,844	4,021	4,144	28.2	25.4	23.2	16.8
Dacca ...	4,272	6,122	4,542	4,788	18.5	15.9	12.2	11.2	3,735	4,714	4,131	3,613	16.1	19.2	10.4	13.9
Chittagong ...	637	757	840	649	31.5	19.8	11.7	7.7	5,176	5,235	7,016	6,647	29.9	5.6	4.8	3.5
Patna ...	9,534	10,073	14,228	8,438	38.5	23.8	30.8	19.5	3,794	4,233	5,475	3,891	9.0	6.4	6.7	4.6
Bhagalpur ...	4,329	5,374	1,397	5,209	24.4	16.8	5.7	3.6	2,175	2,164	3,518	3,375	24.6	21.0	20.6	21.7
Orissa ...	708	637	1,040	957	29.3	29.9	8.8	3.7	2,019	3,008	2,864	2,000	9.0	5.7	4.4	3.9
Chota Nagpur ...	1,712	2,145	4,364	2,340	—	—	—	—	—	—	—	—	—	—	—	—
Total ...	32,161	37,272	48,855	34,024	23.5	19.5	12.5	11.7	30,185	33,527	36,763	31,664	16.1	13.9	12.7	10.5

The percentage of refusals for the Province, as a whole, was smaller in the past year than in the preceding three years. It appears, however, to have been unduly large in burglary cases in the Burdwan, Chittagong and Bhagalpur Divisions, and in theft cases in the Rajshahi and Orissa Divisions. There is no special reason why in this matter these Divisions should differ from the other Divisions of the Province. The view expressed by the Government on this subject in the Resolution on the Report for 1897, to which attention should be paid, may be briefly re-stated. In petty cases, particularly of theft, which are unlikely to be successfully investigated and appear not to be the work of professional criminals, enquiry may, with advantage, be dispensed with, needless harassment to the people being thus avoided. When, however, there is reason to believe that the offences have been committed by professional criminals, enquiry and a visit to the spot are advisable, if only to convey to the criminals the knowledge that the police are active, and thus inspire fear of detection on a repetition of crime.

26. *Results of trials.*—The following table shows the number of persons convicted and acquitted in police cases and the percentages of convictions to acquittals in each of the last five years:—

YEAR.	CONVICTED—		Total.	ACQUITTED—		Total.	Total tried.	Percentage of convictions (column 4 to column 8).	Percentage of acquittals.
	By Magistrates.	By Courts of Sessions.		By Magistrates.	By Courts of Sessions.				
1	2	3	4	5	6	7	8	9	10
1894 ... ..	76,443	1,361	77,807	32,634	617	33,351	111,158	79	30.7
1895 ... ..	74,831	1,357	76,188	31,707	1,090	32,797	106,075	69.3	30.7
1896 ... ..	76,203	1,623	77,826	31,328	1,163	32,490	110,075	70.5	29.5
1897 ... ..	87,080	1,747	88,827	31,137	1,344	32,481	122,217	73.5	26.5
1898 ... ..	80,039	1,843	81,882	30,280	1,065	31,345	113,237	73.5	27.6

As usual, Howrah heads the list of districts in the percentage of persons convicted to persons tried, the percentage there being 92. The proportion of cases under class VI (Nuisances) is larger in that district than elsewhere. The most unfavourable percentage (53·4) is returned by the Ranchi district. It would be convenient if in future years the statement showing the results of trials district by district omitted cases under class VI. The best results in convictions before the Courts of Session are returned by Darjeeling (100 per cent.), Darbhanga (94·4) and Muzaffarpur (90·9): the most unfavourable by Murshidabad (57·1) and Rangpur (53·8). The Lieutenant-Governor agrees with the remarks made by the Inspector-General of Police on the subject of the supervision of trials in the Courts by the District Superintendent of Police. It is of great importance for the proper preparation of prosecutions that Superintendents and Assistant Superintendents should make themselves thoroughly familiar with criminal procedure by attending the Courts, when practicable, in important cases; and their presence during the hearing of such cases is likely also to have the best effect on the work of the subordinate investigating and prosecuting staff.

27. *Analysis of crime by classes.*—The following table shows the number of true cases reported under each class of crime during the last seven years:—

		True cases.						
		1892.	1893.	1894.	1895.	1896.	1897.	1898.
Class	I	2,817	2,843	2,892	2,772	2,907	3,918	3,144
"	II	4,666	4,668	4,794	5,148	5,417	5,950	5,145
"	III	33,325	31,453	34,091	33,570	38,764	51,949	36,884
"	IV	2,268	2,042	2,412	2,647	2,271	3,116	1,970
"	V	44,870	43,098	45,893	41,423	45,951	68,452	41,559
"	VI	51,985	47,743	44,684	44,743	45,231	45,535	46,760

28. *Class I (Offences against the State and public tranquillity).*—The most important heads of crime in this class are offences relating to the coinage and rioting and unlawful assembly. The former offences show a marked decrease, the total of true cases being 176 against 255 in the preceding year. Out of these, 66 formed the subject of special report to the office of the Inspector-General of Police, as being cases of importance, being ultimately returned as true. Seven were cases of counterfeiting Queen's coins, 20 of possessing false coins and moulds and instruments for coining, 36 of uttering counterfeit coins, and 3 of passing quicksilvered pice. Thirty-seven cases ended in conviction, and the 48 persons concerned in these were adequately punished. The police appear to be alive to the importance of checking the serious crime of counterfeit coining, and special measures have been taken. The figures given by the Inspector-General of Police under the head "Rioting" show a marked decrease spread over all the Divisions of the Province. Unfortunately, however, the method of calculation adopted has been different from that followed in arriving at the figure for the previous year, and the apparent decrease cannot be accepted as correct. The detailed statistics for 1897 were compiled from figures supplied in a form in use previous to the introduction of the forms recently prescribed by the Government of India, and the figures for that year, district by district, in the prescribed form are not now available to allow of comparison. Out of 2,449 true cases shown for 1898, 1,685 ended in conviction. The total number of persons bound down to keep the peace throughout the Province was 6,814 against 8,057 in the preceding year. The decrease is specially marked in the Dacca and Chittagong Divisions, while the Presidency Division shows a large increase in the number of cases. Attention was drawn in the Resolution on the Report for 1897 to the large number of cases of rioting, and the Commissioners were requested to take up the matter in respect to each district where an unusual number of such cases had occurred, and to advise the Magistrates as to the preventive and police measures which should be adopted. Reports were received from the Commissioners, to which it is unnecessary to refer here in detail. The matter should continue to receive attention. The inclusion under this head of all cases of unlawful assembly doubtless tends to increase the unsatisfactory aspect of the figures, but the number of serious riots, often attended with death, in some districts is such as to call for special vigilance and firm action, within the law, on the part of the authorities.

29. *Class II (Serious offences against the person).*—The total of offences under this head shows a decrease from 5,950 in the preceding year to 5,145 in the year under review. All heads of crime, except three, share the fall in numbers. Murders of all kinds decreased by 34 cases, the total being 388 against 422 in 1897. Sentence of death was passed in 38 cases as against 19 in the preceding year. Murders in Backergunge have for some years past necessitated special measures. In 1895 the total of murders in this district reached the large figure of 76, of which no fewer than 21 were by gunshot. No case of murder by gunshot was reported in the past year, but the number of other murders has again shown a tendency to rise. The total of murders of all kinds in this district in 1897 was 30, while that for the past year is 42. Of these, 7 were by poison. There were 37 true cases of drugging in the Province during the past year against 41 in the previous year. In the majority it appears that the object of the drugging was robbery, and the facts, therefore, constituted offences under section 394, Indian Penal Code. Attention was drawn in last year's Resolution to the necessity of pressing the Courts to frame charges under that section, but it appears that they still refrain in some cases from proceeding under the section. Cases of rape show a decrease from 129 in the preceding year to 99 in the year under review. The prevalence of outrages on women in the Mymensingh district lately formed the subject of a special report from the Magistrate of Mymensingh and the Commissioner of the Dacca Division, and it was clear that, although the number of recent cases had been much exaggerated in published statements, special measures for dealing with the crime were necessary. Five special Inspectors have accordingly been deputed to the district for the purpose of investigating such cases, and they will also be utilised for making enquiries as to the propriety of proceeding against desperate and dangerous characters under section 110, Criminal Procedure Code.

30. *Class III (Serious offences against property).*—Crime in this class shows a most satisfactory decrease, common to all the heads. The most important head is dacoity, and this serious crime decreased from 549 to 345 cases, Dacca alone, of all the Divisions, showing an increase of five cases. The great prevalence of this crime in the Chota Nagpur, Rajshahi and Bhagalpur Divisions in 1897 was specially noticed in the last Resolution. Each Division shows a marked reduction of cases in 1898. In Purnea, however, in the Bhagalpur Division, there was an increase of 13 cases over the number (17) in the previous years. This outbreak of dacoity was brought to the notice of Government, and special measures were taken. From a recent report from the Commissioner it appears that these measures have had the desired effect, a considerable decrease in cases having occurred since the commencement of the present year. Credit is due to the Magistrate for his energetic action in this matter. The other principal feature under this class of crime is the very large decrease in cases of lurking house-trespass, house-breaking, &c. The number of such cases in 1897 was 48,782, and this large figure was accounted for by the famine. The total for the present year is 33,473, a figure which is not only largely below that for 1897, but is also smaller than that for 1896, compared with which it shows a reduction of 2,805 true cases.

31. *Class IV (Minor offences against the person).*—This class also shows a considerable decrease, the total for 1898 being 1,970 against 3,116 in the preceding year. There is also a reduction of 301 cases in comparison with 1896.

32. *Class V (Minor offences against property).*—There was a similar decrease in this class, not only compared with the preceding year, but also with the year 1896. The total number of cases, including serials 36 and 37, was 75,258 against 117,464 in 1897 and 82,433 in 1896. The great bulk of the cases falls under the heads of theft and criminal or house-trespass, and both show a large reduction. The improved circumstances of the people produced the usual effect in diminishing petty thefts.

33. *Class VI (All other cases).*—The total number of cases under this head was 47,654, being an increase of 1,225 cases as compared with the previous year. Public and local nuisances show an increase of 1,476 cases, and offences against the Excise, Salt, Customs and Arms laws also rose. The number of bad



livelihood and vagrancy cases decreased from 4,904 to 4,331. The number of persons dealt with in these cases, however, was larger. The total of acquittals was 1,176 against 1,003, while convictions numbered 3,863 against 3,615 in 1897. This decrease in the number of cases with an increase in the number of persons dealt with is, no doubt, attributable to the alteration in the Code of Criminal Procedure which permits the institution of proceedings against more than one person in a single case. The large number of acquittals, however, argues less care in the institution of cases. It appears also that the instructions regarding the trial of cases in the villages where the accused reside have not been generally complied with. Out of 4,373 cases only 1,955 were tried in the villages. The Lieutenant-Governor desires that the action of the Magistrates in this matter should be more closely watched by the Commissioners. The number of persons registered for surveillance at the close of the year was 51,678, being an increase of 2,179 on the figure for the previous year. Out of this total 5,223 had absconded and 8,650 were in jail.

34. *Railway Police.*—The total number of cognizable and non-cognizable cases reported to the Railway Police during the year was 3,576, against 4,630 in the preceding year. Of these, 2,199 were true cognizable cases, and 1,284 ended in conviction. There were 813 railway accidents, resulting in the death of 289 persons, against corresponding figures for the preceding year of 708 accidents and 326 deaths. Cases of obstruction increased from 21 in 1897 to 38 in the past year. The number of these cases on the Assam-Bengal Railway and the Patna-Gaya Branch of the East Indian Railway is marked. On the former line a small force of additional police has been quartered at the expense of the neighbouring villagers near the scene of one of the accidents. The Inspector-General remarks that it has been found from past experience that obstructions are, as a rule, placed on the lines by discontented coolies or villagers who have quarrelled with the gate-keepers, and wish to get the latter into trouble, while in many cases bricks and stones are also placed on the rails by children with no criminal motive.

35. *Non-cognizable Crime.*—The total of non-cognizable crime for 1898 as compared with that for 1897 is shown in the following statement:—

Class		Cases.		Increase.	Decrease.
		1897.	1898.		
I	...	9,127	9,524	397	...
" II	...	23	16	...	7
" III	...	721	664	...	57
" IV	...	60,289	59,692	...	597
" V	...	11,931	11,339	...	592
" VI	...	14,229	15,404	1,175	...
Special Laws	...	29,450	33,296	3,846	...
Total	...	125,770	129,935	5,418	1,253
Net increase	...	...	...	4,165	

The net increase of 4,165 cases consists almost entirely of petty cases of nuisances under class VI and of offences under the head "Special Laws." In the statement in paragraph 139 of the report the percentage of persons who appeared to persons summoned is shown to have been less than 60 in the districts of Tippera, Murshidabad, 24-Parganas and Jessore. The causes of the very low percentage should be investigated by the Commissioners. Some districts still show the number of persons attending as greater than that of processes issued. An explanation should be obtained and submitted to Government. In Monghyr the number of acquittals in non-cognizable cases exceeded that of convictions. This was the case also last year. The attention of the Commissioner is invited to the matter; and it is desirable that other Commissioners should also enquire into the cause of any unduly large proportion of acquittals to convictions in districts of their Divisions. Such a result is ordinarily due to indiscriminate issue of process without sufficient examination of the complainants in the first instance. Much harassment is thus often needlessly and unjustifiably caused to persons who are summoned, and the subordinate Magistrates cannot be too often

reminded of their duty to sift the complaints as fully as practicable on their institution.

36. *Remands.*—The following table compares the percentages of remands in the trial of cases sent up by the police during each of the last three years:—

	Percentage of A forms disposed of at first hearing.	Percentage of A forms remanded once.	Percentage of A forms remanded twice.	Percentage of A forms remanded thrice.	Percentage of A forms remanded four times.	Percentage of A forms remanded five times.	Percentage of A forms remanded six times.	Percentage of A forms remanded more than six times.	Pooling.
1	2	3	4	5	6	7	8	9	10
1896 ... ..	33.1	33.7	15.3	10.5	6.6	3.7	3.3	3.3	3.4
1897 ... ..	34.5	33.7	15.3	10.4	6.3	3.9	3.3	3.5	3
1898 ... ..	32.8	30.6	15.0	10.6	6.3	3.5	3.5	3.5	3.9

The figures for the past year are not satisfactory. Allowance must, it is true, be made in comparing the figures with those of the previous year for the large diminution in the number of petty cases which occur in a year of famine and which can be promptly disposed of, frequently without remand. The results compare, however, unfavourably, not only with those for 1897, but also with those for 1896. The percentage of cases disposed of at first or second hearing is less than in either of the two preceding years, while the percentages of cases remanded three, four, five, six or more than six times are in each case higher than those of either 1896 or 1897. In five districts the number of cases disposed of at first or second hearing was less than 40 per cent. of the total of police cases coming before Magistrates for trial. In Mymensingh, the percentage of such cases was so low as 29.9 per cent., in Shahabad it was 31.6, in Ranchi 32.4 in Birbhum 32.9, and in Faridpur 39.5. An explanation of these low percentages should be submitted to Government by the Commissioners concerned.

37. *Previous convictions.*—The percentage of persons convicted of offences falling under classes III and V (Offences against property) who were proved to have been previously convicted was 12.2 against 12.9 in the previous year. The fluctuations in the yearly percentage in certain districts are remarkable, and the Lieutenant-Governor trusts that they are not due to unequal attention on the part of the police to this matter. The importance of discovering the professional criminals, in order that they may be adequately punished and kept under surveillance when free, need not be dwelt upon. Taking the different Divisions of the Province, the highest percentage of reconvictions is shown by Patna, which returns no less than 18 per cent. of such cases, the next Division being the Bhagalpur Division, with 12.4 per cent. The fluctuations in the districts of the Orissa Division are marked. Puri this year returns 24.8 against 17 per cent. last year, while Balasore, which last year returned 14.7 per cent., shows this year only 5.6 per cent.

38. *Systems of identification.*—Reference was made to the central bureau in the office of the Inspector-General of Police in regard to 1,007 persons arrested in the districts whom the local officers had been unable to identify. Of these, 31 per cent. were identified, the corresponding percentage for the preceding year having been the same. The central office has records in respect of 48,000 criminals, and in the case of 32,000 the data for identification now consist of finger-prints, those for the remainder being anthropometrical measurements. Records of the latter kind are being gradually replaced by finger-print impressions. This system has been adopted now by other Provinces, which were visited by Mr. Henry for the instruction of the officers to be employed in working it.

39. *Character of officers.*—Mr. Henry, now on leave, was first appointed to officiate as Inspector-General of Police in 1891, and in the eight years during which he held charge of the Department many important improvements have been effected. The substitution for the old class of officers of a more intelligent, better educated and socially superior staff of subordinate officers, through the system of competition and of training at the Bhagalpur school, and the

improvement of the village police system may be specially mentioned as matters which received much of his attention. It is to him also that is due the development of the ingenious system of identification of criminals by means of finger prints from which much is hoped. He has brought to the notice of Government the work done by Messrs. Pratt and Masters as Deputy Inspectors-General, and by Messrs. Pughe and Barnard as Assistant Inspectors-General in charge of Railway Police. He has also recorded his obligations to Mr. Showers for his work as Personal Assistant. The names of the District Superintendents, Assistant Superintendents, and Inspectors who have been specially commended in paragraph 44 of the report will be noted in the Appointment Department.

ORDER.—Ordered that copies of this Resolution be forwarded to the Inspector-General of Police, the Commissioner of Police, Calcutta, and to all Commissioners of Divisions, for information.

Ordered also that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

C. W. BOLTON,

*Chief Secretary to the Govt. of Bengal.*

**WORKING OF THE BENGAL JUTE WAREHOUSE AND FIRE-BRIGADE ACT IN THE COSSIPORE-CHITPUR AND MANIKTALA MUNICIPALITIES.**

*No. 4776M.—The 21st September 1899.*—The following report is published for general information in accordance with the provisions of section 41 of the Licensed Warehouse and Fire-Brigade Act of 1893.

E. N. BAKER,  
*Offg. Secy. to the Govt. of Bengal.*

No. 95M., dated Calcutta, the 16th August 1899.

From—The Hon'ble C. E. BUCKLAND, C.I.E., Commissioner of the Presidency Division,

To—The Secretary to the Government of Bengal, Municipal Department.

WITH reference to the orders of Government No. 3513M., dated the 5th July 1899, I have the honour to submit herewith the reports on the working of the Bengal Jute Warehouse and Fire-Brigade Act of 1893, for the year ending the 31st March 1899, in the Cossipore-Chitpur and Maniktala Municipalities, received from the Chairmen of those Municipalities.

No. 267, dated Maniktala, the 27th July 1899.

From—BABU PRIYA NATH MUKHERJEE, Chairman, Maniktala Municipality,  
To—The Magistrate of the 24-Parganas.

WITH reference to your Circular memorandum No. 44M., dated 18th July 1899, forwarding copy of Bengal Government letter No. 3513M., of the 5th idem, calling for a report on the working of the Bengal Jute Warehouse and Fire-Brigade Act for the year 1898-99, I have the honour to submit as follows:—

(1) The Fire-Brigade Budget for the year under report was prepared by the Commissioner of Police under section 26 (1) of Act I (B.C.) of 1893, and was accepted by the Commissioners of this Municipality at a special meeting held on the 6th May 1898, so far as it related to this Municipality.

(2) The proportionate share of contribution at 1 per cent. of the estimated amount of Rs. 60,710 towards the maintenance of the Fire-Brigade establishment, viz., Rs. 607, was paid in two instalments. The total amount realized as fees from the warehouses under the Act was Rs. 1,266-6-6, against Rs. 1,316-10-9 of the preceding year. The decrease was owing to one durmah-mat shop, five firewood depôts and two packing-case depôts having ceased to exist at the beginning of the year under report.

(3) During the year under review, 8 licenses were issued for jute warehouses and 74 for other descriptions of trade in inflammable materials, such as firewood, hay, straw, saw-mill, packing cases, durmah mats, golpata depôts, &c., against 8 and 82 of the preceding year.

(4) License fees on jute warehouses were levied at 6 per cent. per annum on the annual value of holdings as assessed for payment of municipal taxes and at 10 per cent. on other descriptions of trade as mentioned above.

(5) All the owners of warehouses paid their license fees in due time, and therefore no prosecution was required to be instituted during the year.

(6) The jute godowns and firewood depôts are mostly situated near the Circular Canal which forms the western boundary of this Municipality. There is only one mill for manufacture of gunny-bags within this Municipality, named the Surah Jute Mill Company, Limited, on the north side of the Narcaidanga main road and there are also three roperies.

(7) No conflagration took place within the Municipality, and therefore the assistance of the fire-brigade was not required.

No. 480, dated Talla, the 26th July 1899.

From—BABU KRIPA NATH DUTT, Chairman, Cossipur-Chitpur Municipality,  
To—The Magistrate of the 24-Parganas, Alipore.

WITH reference to your circular memorandum No. 44M., dated the 18th July 1899, I have the honor to submit the following report under section 41 of Act I (B.C.) of 1893 of jute warehouses, &c., in the Cossipur-Chitpur Municipality for the year ending 31st March 1899 for submission to the Local Government.

2. During the year under report licenses were granted to 99 jute presses and warehouses, including roperies, firewood and straw depôts as detailed below, and the amount of license fees realised was Rs. 12,326-5:—

				Rs.	A.	P.
12 Jute press-houses	...	...	...	8,850	0	0
65 Jute warehouses	...	...	...	3,342	12	9
7 Roperies	...	...	...	95	6	0
2 Firewood and straw depôts	...	...	...	5	15	9
7 Wood depôts	...	...	...	10	9	0
6 Golpata depôts	...	...	...	6	9	■
Mutation fees	...	...	...	15	0	0
Total 99		Total	...	12,326	5	0



3. The following statement shows the receipts and disbursements of the jute license fees during the year under review:—

RECEIPT.	Amount.	Disbursement.	Amount.
1	2	3	4
	Ra. A. P.		Ra. A. P.
Opening balance on the 31st March 1898.	7,997 0 5	Paid to the Commissioner of Police, for the maintenance of Fire-Brigade for the year 1898-99.	11,231 0 0
License fees realised for the year 1898-99 under Act I of 1873.	12,326 5 0	Balance at the hands of the Commissioners on the 31st March 1899.	2,092 5 5
Total ...	20,323 5 5	Total ...	20,323 5 5

4. During the year under review fire broke out in the following places, and properties were destroyed to the approximate value of Rs. 9,105 as detailed below.

Locality.	Name of owner of the properties destroyed.	Particulars of properties destroyed.	Approximate value of properties destroyed.	REMARKS.
1	2	3	4	5
<b>SECTION A.</b>				
<i>Suburbs.</i>			Ra.	
South Sinti Road ...	Pooti Bewah ...	Two golpata huts ...	25	
Utterpara Road, Ratan Babu's Busti.	Radha Nath Maity.	Portion of a golpata hut.	Not stated.	
<b>SECTION B.</b>				
<i>Suburbs.</i>			Ra.	
Sowdagurputty, Chitpur.	Sanyasi Baity ...	A tiled hut consisting of three rooms.	5	
Lockgate Road, Chitpur.	Mohamad Guny Khan.	A golpata house consisting of two rooms.	50	
Chitpur Canal ...	.....	A boat laden with jute.	9,000	
Nawabputty ...	Parbati Bewah	A golpata house consisting of one room.	10	
<b>SECTION C.</b>				
<i>Suburbs.</i>				
Bibibagan ...		A golpata hut. An old woman was burnt, and subsequently died in hospital from the effects of the burn.	15	
Total ...			9,105	

# SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPTEMBER 27, 1899. 1673

5. The accompanying statement shows the names of jute-presses and warehouses to which licenses were granted during the year 1898-99.

## COSSIPORE-CHITPUR MUNICIPALITY.

Statement showing the names of Jute Presses, Warehouses, &c., to which licenses were granted during the year 1898-99.

Serial number.	Holding number.	Place of business.	Name of license-holder.	Valuation.	Amount of license-fee realised.	GRAND TOTAL.	
1	2	3	4	5	6		
Jute Press Houses.							
1	10	Nawabpatty Street	Union Pressing Co., Ltd.	...	750 0 0	Rs. A. P.	
2	13		P. N. Mitter, Esq.	...	750 0 0		
3	8		Sugar Works Lane	Canal Press Co., Ltd.	15,000		700 0 0
4	4			Messrs. Ralli Brothers	...		750 0 0
5	18	Kali Prosonno Singhee's Road.	S. C. Chunder & Co.	19,000	750 0 0		
6	4, 4A, 4-1 and 6.		Chitpur Hydraulic Press	21,300	750 0 0		
7	15-15-1		Calcutta Hydraulic Press	27,848	750 0 0		
8	5		Strand Bank Press Co.	...	750 0 0		
9	1 and 116	Rustomjee's Road	Camperdown Pressing Co.	20,000	750 0 0		
10	29 and 29A	Cossipore Road	Kumar Satish Chandra Singha	19,000	650 0 0		
11	3	Chitpur Ghat Lane	P. G. and W. Sawoo	...	750 0 0		
12			Hooghly Hydraulic Press Co.	15,500	750 0 0	8,850 0 0	
Jute Warehouses.							
13	13	Chitpur Street	Benov Kristo Shaw	1,800	90 0 0		
14	14		Ditto	1,452	72 9 6		
15	7, 7A and 9		Manager, Eastern Bengal State Railway	27,700	1,340 0 0		
16	13		Durga Ch. and Kunjo Behari Shaw	972	48 9 6		
17	5		Gobindo Chandra Pal	190	0 0 0		
18	4		Durga Charan and Kunjo Behari Shaw	4,800	240 0 0		
19	3		Gyan Chandra Sen	312	15 9 6		
20	23		Ditto	180	0 0 0		
21	10	P. K. Mukerjee's Lane	Nobo Kisser and Kamini Koomar Roy	780	30 0 0		
22	8 and 9		Ram Kristo Pattuck and Parbuti Charan Roy	2,280	114 0 0		
23	18		Hurry Narain Chunder	840	42 0 0		
24	6		Mothoora Nath Bose	420	21 0 0		
25	2		Nobo Kisser and Kamini Kumar Roy	600	30 0 0		
26	65A		Bhubon Mohon Ghose	168	8 0 0		
27	68B		Bharuth Chunder and Dwarka Nath Shaw	180	9 0 0		
28	71B		Sroomatty Surno Moye Dasie	240	12 0 0		
29	72		Behari Lal Shaw	384	19 3 0		
30	75		Ditto	192	9 9 6		
31	6		Bathoo Shaw	300	15 0 0		
32	18		Bejoy Kumar and Lalit Mohon Chucker-buty.	300	15 0 0		
33	51	Belgatchia Road	Woomedally	120	6 0 0		
34	10		Chunder Nath Dalal	840	42 0 0		
35	5		Shama Charan Bullob	600	30 0 0		
36	7		Hurro Chunder Sircar	192	0 0 0		
37	12A		Koylash Chunder Ghosh	600	30 0 0		
38	20		Punchanan and Goluck Behari Mitter	216	10 12 6		
39	20A		Bisso Nath Mistry	240	12 0 0		
40	14A		Rajobolly Sirdar	204	10 3 3		
41	9	Cross Road	Chunder Nath Dalal	240	12 0 0		
42	16		Jeebon Kristo Ghose (Jr.)	270	13 8 0		
43	7		Ram Deoroy and Sadho Charan Roy	1,080	54 0 0		
44	7		Dwarka Nath Roy	430	22 12 9		
45	6	Settpooker Road	Bejoy Kristo Shaw	1,200	60 0 0		
46	11 and 11A		G. A. George & Co.	900	45 0 0		
47	6		Kamini Kumar Roy	1,380	69 0 0		
48	5A		Gobindo Chunder Pal	192	9 9 6		
49	23B		Preo Nath and Ram Taron Das	360	18 0 0		
50	24A		Mohim Chander Sirdar	192	9 9 6		
51	25		Chander Nath Mookerjee	324	16 3 0		
52	9		Sadhoo Churon and Dwarka Roy	360	18 0 0		
53	5	P. K. Mookerjee's Road	Gyan Chunder Sen	768	38 4 0		
54	14		Dobendra Nath Mookerjee	120	0 0 0		
55	21B		Anundo Kisser Mozoomdar	216	10 12 6		
56	26		Dino Nath Mondle	600	30 0 0		
57	27 and 27A		Kedar Nath Pal Chin	1,440	72 0 0		
58	30		Jeebon Kristo Ghose	480	24 0 0		
59	23A		Hurrish Chunder Mullick	300	15 0 0		
60	23O		Lalit Mohun Rockhit	300	15 0 0		
61	2A		Bharuth Chunder and Dwarka Nath Shaw.	300	15 0 0		
62	3C		Jeebon Kristo Ghose (Jr.)	216	10 12 6		
63	1-6-1		Aukhey Kumar Ghose	360	18 0 0		
64	3A		Sishi Bhuson Banerjee	240	12 0 0		
65	3-5	Chitpur Ghat Lane	Deno Nath Doy	90	4 14 6		
66	24		Dwarka Nath and Bonomali Kundoo	1,020	51 0 0		
67	7		Sree Gobindo Shaw	760	38 0 0		
68	13		Ditto	300	15 0 0		
69	79	B. T. Road	Sreedam Chunder Kundoo	240	12 0 0		
70	71		Ditto	180	9 0 0		
71	6A	Chitpur Cross Road	Dwarka Nath Roy	...	25 3 3		
72	6A		Ditto	...	25 3 3		
73	16	Bhayrub Mookerjee's Road	Khaten Mondle	96	4 12 6		
74	18		Bonomali Chowdhury	...	45 0 0		
75	4A	Chitpur Ghat Road	Hero Nath Biswas	600	30 0 0		
76	4		Ditto and T. N. Mookerji	1,400	70 0 0		
77	23	Bonomali Chatterjee's Street	Nimchand Biswas	240	12 0 0	3,342 13 9	
Reperies.							
78	20-18	Palkpara Road	Messrs. Ralli Brothers	300	15 0 0		
79	14-68		Sukul Chunder Chunder	264	13 2 0		
80	10 and 19A		Khetter Ch. and Hurry Ch. Goocha	312	15 9 6		
81	23-4		Messrs. Ralli Brothers	300	15 0 0		
82	11-3	Wooterpara Road	Roshi Bhuson Ghose	192	9 9 6		
83	29		Luckhee Naram Dutt	300	15 0 0		
84	1-1	Bodo Nath Bose's Garden Lane.	Shama Kristo Chatterjee	240	12 0 0		
			...	...	...		95 6 0

1674 SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPTEMBER 27, 1899.

Serial num- ber.	Holding number.	Place of business.	Name of license-holder.	Valuation.	Amount of license-fee realised.	GRAND TOTAL.
1	2	3	4	5	6	7
			<i>Firewood and Straw Depôts.</i>	Rs.	Rs. A. P.	Rs. A. P.
85	74.3	Belkatchia Road ...	Dino Moni Bewah ...	30	1 8 0	
86	.....	Chunder Kumar Roy's Lane	Kunjo Bohari Poramanick ...	.....	4 7 9	5 15 9
			<i>Golpatta Depôts.</i>			
87	78.3	} B. T. Road ...	Prosonno Bewah ...	60	1 8 0	
88	.....		Ditto ...	.....	1 8 0	
89	80.1		Madhub Ch. Dolooie ...	48	1 3 3	
90	.....		Ditto ...	.....	1 3 3	
91	79.1		Gooroo Churan Nundy ...	47	1 3 0	6 9 6
			<i>Wood Depôts.</i>			
92	70.1	B. T. Road ...	Gooroo Churan Nundy ...	.....	1 3 0	
93	4-1-1	} Bheritolla Road ...	Matab Bewah ...	48	1 3 3	
94	.....		Ditto ...	.....	1 3 3	
95	8.3	} P. K. Mookerjee's Road	Shaik Moniruddee ...	56	1 5 6	
96	.....		Ditto ...	.....	1 5 6	
97	1-1	} Cross Road ...	Brojo Nath Biswas ...	38	0 14 3	
98	.....		Ditto ...	.....	0 14 3	
99	.....	B. T. Road ...	Hurry Kristo Sadkhan ...	.....	2 8 0	10 9 0
			Total	.....	.....	12,311 5 0
			Mutation fees	.....	.....	15 0 0
			GRAND TOTAL	.....	.....	12,326 5 0

SARAT CHUNDER SEN,

Secretary.

COSSIPORE-CHITPUR MUNICIPAL OFFICE,  
The 26th July 1899.

WEATHER AND CROP REPORT.

For the week ending the 25th September 1899.

**Burdwan.**—Rainfall at Sadar 2·67, Kalna 3·34, Katwa 3·64, Raniganj 1·93. Heavy rain has fallen. Harvesting of *aus* going on. The recent rain has done much good to *aman*. Sugarcane doing well. Fodder and water sufficient. Cattle-disease in Katwa stationary. Common rice selling as follows:—

	Srs.	
Sadar	16	} per rupee.
Kalna	14½	
Katwa	15	
Raniganj	14½	

**Birbhum.**—Rainfall at Sadar 1·38, Rampur Hat 1·50. Weather hot and cloudy. Prospects of paddy good. Price of common rice at Sadar and Rampur Hat 15 seers per rupee. Fodder sufficient.

**Bankura.**—Rainfall at Bankura 5·04, Vishnupur 2·15. Weather cloudy at the beginning. The rainfall of the week was general and sufficient for the present. It has been very beneficial to the standing crops. Fodder and water sufficient. No cattle-disease reported. Rice is selling at 16½ seers a rupee at Bankura and 15 seers at Vishnupur.

**Midnapore.**—Rainfall at Sadar 4·53, Contai 5·00, Tamluk 7·41, Ghatal 5·46. Weather rainy and was cyclonic at Contai on 23rd. The rain has done immense good to the crops. Transplantation of winter paddy finished. Prospects very good. Cattle-disease and grasshoppers reported from some places in the Sadar subdivision. Common rice sells as follows:—

	Srs. ch.	
Sadar	16 0	} per rupee.
Contai	17 0	
Tamluk	14 3½	
Ghatal	16 0	

**Hooghly.**—Rainfall at Sadar 5·28, Serampore 6·44, Jahanabad 3·11. Reaping of *aus* and cutting of jute still continue. State of *aman* good. Common rice sells at 14½ seers per rupee.

**Howrah.**—Rainfall at Sadar 4·17, Ulubaria 4·90. Weather hot and cloudy. The rainfall during the latter part of the week has done much good to the standing crops. Transplantation of *aman* still continues. Harvesting of *aus* nearly over. Fodder and water sufficient. Common rice sells at 13 seers 14 chitaks per rupee.

**24-Parganas.**—Rainfall at Sadar 5·30, Barasat 6·86, Basirhat 3·66, Diamond Harbour 11·45. Heavy rain with high winds towards the close of the week. The rainfall has done good to the standing crops. Prospects of *aman* fair. Transplantation of *aman* and harvesting of *aus* nearly finished. Steeping of jute and its fibre extracting going on. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	13	} per rupee.
Barasat	15	
Basirhat	16	
Diamond Harbour	13	

**Nadia.**—Rainfall at Sadar 2·64, Kushtia 69, Meherpur 1·08, Chuadanga 1·12, Ranaghat 2·38. Weather seasonable. Harvesting of *aus* completed. Prospects of *aman* good. Lands being cultivated for *rabi* crops. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	14	} per rupee.
Kushtia	16	
Meherpur	15	
Chuadanga	15½	
Ranaghat	12½	

**Murshidabad.**—Rainfall at Sadar 3·04, Jangipur 88, Kandi 4·50. Weather seasonable. Harvesting of *bhadoi* and cutting of jute still continue. State of standing crops good.



Recent rain has done much good to them, especially to winter paddy plants. Cow-pox appears in thana Barwan. Common rice sells as follows:—

			Srs.	
Sadar	...	...	14	} per rupee.
Jangipur	...	...	15	
Kandi	...	...	17½	

**Jessore.**—Rainfall at Sadar 4·95, Jhenida 1·48, Magura 2·75. Narail 2·31, Bangaon 5·05. Weather cloudy, rainy, and cyclonic. Harvesting of *aus* and cultivation for winter crops going on. Prospects of crops good. Rivers are rising again. No cattle-disease reported. Fodder and water sufficient. Common rice sells as follows:—

			Srs.	
Sadar	...	...	18	} per rupee.
Jhenida	...	...	16	
Magura	...	...	17½	
Narail	...	...	17½	
Bangaon	...	...	20	

**Khulna.**—Rainfall at Sadar 3·37, Bagerhat 1·72, Satkhira 4·56. Weather sultry. Transplantation of *aman* and harvesting of *aus* nearly completed. The recent rainfall will do much good. Fodder and water sufficient. Common rice sells as follows:—

			Srs.	
Sadar	...	...	17½	} per rupee.
Bagerhat	...	...	17	
Satkhira	...	...	14	

**Rajshahi.**—Rainfall at Sadar 1·24, Nator 1·28, Naugaon 3·08. Prospects of crops good. Harvesting of *bhadai* going on. No cattle-disease. Fodder and water available. Common rice sells at 18 seers per rupee.

**Dinajpur.**—Report not received.

**Jalpaiguri.**— Ditto.

**Darjeeling.**— Ditto.

**Rangpur.**— Ditto.

**Bogra.**—Average rainfall 2·59. Washing of jute commenced. Transplantation of *aman* finished. Prospects good except in low lands, where heavy rain has caused some damage. Common rice selling at 17½ seers per rupee. Fodder and water ample.

**Pabna.**—Rainfall at Sadar ·83, Sirajganj ·77. Weather very hot and cloudy. High wind on 23rd. Prospects good, but some rain is wanted for the paddy on the high lands. Price of common rice 15 seers 15½ obitaks per rupee.

**Dacca.**—Rainfall at Sadar ·43, Manikganj 1·93, Munshiganj ·29, Narainganj ·40. Weather stormy. Prospects of standing crops good. Fodder available. A few cases of cattle-disease in the Narainganj subdivision. Price of common rice stationary.

**Mymensingh.**—Rainfall at Sadar 2·48, Jamalpur ·80, Kishorganj 1·88, Tangail 2·33, Netrokona 1·91. Occasional showers. Prospects of crops good. Condition of cattle good. Fodder and water ample. Common rice sells as follows:—

			Srs.	
Mymensingh	...	...	18½	} per rupee.
Netrokona	...	...	18½	
Jamalpur	...	...	14½	
Kishorganj	...	...	16	
Tangail	...	...	16	

**Faridpur.**—Rainfall at Sadar 2·42, Goalundo ·86, Madaripur ·75. Weather seasonable. State and prospects of crops good. Common rice sells at 17 seers per rupee.

**Backergunge.**—Rainfall at Sadar 2·06. Weather cyclonic. Prospects of crops fair. Common rice sells at 14 seers (*aman*) and 19½ seers (*aus*) per rupee.

**Tippera.**—Rainfall at Sadar 3·45, Brahmanbaria 1·47, Chandpur 1·79. Weather seasonable. Prospects of *aman* continue favourable. Jute cutting goes on. Average price of common rice 18 seers per rupee.

**Noakhali.**—Rainfall at Sadar 3·85, Feni 1·75. Prospects of crops less good owing to excessive rain. Transplantation of *aman* going on. A veterinary assistant is treating cattle-disease at Chagalnaya. Fodder and water good. Common rice (*aman*) 16 seers and (*aus*) 19 seers per rupee.

**Chittagong.**—Rainfall 4·04. Cultivation of *aman* nearly finished. Prospects good. Water and fodder sufficient. Common rice 15 seers per rupee.

**Patna.**—Rainfall at Sadar ·28, Barh ·18, Bihar ·24, Dinapore ·16, Hilsa ·15, Bikram 1·15. Harvesting of *marua* and Indian-corn going on. The rain has done much good to the paddy and prospects are favourable. Fodder and water for cattle plentiful. Common rice in Patna sells at 15½ seers per rupee.

**Gaya.**—Rainfall at Sadar ·80, Jahanabad 3·64, Aurangabad ·30, Nawada 2·30. Harvesting of *bhadoi* completed. Paddy doing well. Common rice selling at 13 seers per rupee.

**Shahabad.**—Rainfall at Sadar 1·24, Buxar 1·17, Sasaram ·80. Paddy promising. *Bhadoi* being reaped. Fodder and water abundant. Rice 12 seers per rupee.

**Saran.**—Rainfall at Sadar 2·16, Gopalganj 7·62. Weather fine. Prospects of paddy much improved by alternate rain and sunshine. Average price of common rice 13 seers 12 chitaks and of *makai* 17 seers 8 chitaks per rupee.

**Champaran.**—Rainfall at Motihari ·45, Bettiah 1·15, Barharwa ·70, Bagaha 2·23, Ramnagar 1·00. *Bhadoi* harvesting nearly over. *Aghani* rice doing well. Preparation of land for *rabi* going on. Price of common rice 15½ seers and maize 21 seers per rupee.

**Muzaffarpur.**—Rainfall at Sadar ·22, Hajipur 2·38. *Bhadoi* crops being harvested. Rice crop doing well. Prices are—Common rice 12 seers, wheat 14 seers, barley 19 seers, *makai* 19 seers, gram 17 seers, *rahar* 18 seers, and *marua* 21 seers per rupee.

**Darbhanga.**—Rainfall at Sadar ·20, Samastipur ·22, Madhubani ·29. Weather hot with occasional showers. Prospects of winter paddy good. Green fodder and water-supply for cattle plentiful. Some cattle-disease reported from Warisnagar thana. Common rice sells as follows:—

				Srs.	
Sadar	...	...	...	12	} per rupee.
Samastipur	...	...	...	13½	
Madhubani	...	...	...	12½	

**Monghyr.**—Rainfall at Monghyr 1·21, Begusarai 1·93, Jamui 3·63. Weather hot and very rainy during the latter part of the week. Lands being prepared for *rabi*. *Bhadoi* and *marua* harvest nearly finished. Prospects of paddy and sugarcane good. Recent rain was beneficial to paddy crop. Common rice sells as follows:—

				Srs. Ch.	
Monghyr	...	...	...	12 1	} per rupee.
Begusarai	...	...	...	12 10	
Jamui	...	...	...	13 0	

**Bhagalpur.**—Cyclonic weather with continuous heavy showers prevailed at the latter part of the week. Rainfall at Sadar 11·78, Banka 2·26, Madhipura 4·05, Supaul 5·01. The rain is benefitting winter paddy. *Bhadoi* harvesting in progress. Cattle-disease continues in the interior. Common rice sells as follows:—

Sadar	...	...	...	15 3	} per rupee.
Banka	...	...	...	15 0	
Madhipura	...	...	...	14 0	
Supaul	...	...	...	19 0	

**Purnea.**—Rainfall at Sadar 9·59, Kishanganj 4·81, Araria 5·31. Weather seasonable. Standing crops doing well. Harvesting of *bhadoi* rice and transplantation of *aghami* practically over. Jute being harvested. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar	...	...	...	18	} per rupee.
Kishanganj	...	...	...	21	
Araria	...	...	...	20	

**Malda.**—Report not received.

**Sonthal Parganas.**—Weather unsettled. Rainfall at Dumka 6·50, Deoghur 4·59, Jamtara ·22, Pakour 2·46, Rajmahal 1·81. Prospects very favourable. The week's rain should ensure a 20-anna paddy crop. Price of common rice 14 seers and *makai* 19 seers per rupee. Some cattle-disease in Rajmahal. Fodder and water sufficient.

**Cuttack.**—Rainfall at Sadar 4·80, Jajpur 1·61, Kendrapara 2·49, Banki 1·06, False Point 1·52. Weather hot and cloudy. *Sarad* paddy, sugarcane, *biri* and *arhar* growing.

*Beali* being harvested. *Sarad* being damaged by insects in places. More rain wanted. Condition of cattle generally good. Fodder and water sufficient. Common rice sells as follows:—

			S.	CH.	
Outtaok	...	...	15	1	} per rupee.
Kendrapara	...	...	21	0	
Banki	...	...	15	12	

**Balasore.**—Rainfall at Sadar 7·73. Weeding of *sarad* continues. *Aus* being reaped in places. Sugarcane thriving well. Jute being steeped. Crops on high land in Agarpara circle suffering for scanty rain. Crops elsewhere good. Rice sells at 18 seers per rupee in the interior, and at 17 and 18 seers at Balasore and Bhadrak respectively. Cattle-disease reported from places. Fodder sufficient.

**Angul.**—Rainfall at Angul ·29, Bisipara 1·45. Local showers reported from the interior. Weather hot and cloudy. Puddling and transplantation of low-land paddy in progress. Up-land paddy somewhat improved. Sowing of *rabi* in progress. Sugarcane and cotton doing well. Harvesting of *beali* and *mandia* continues in some places. More rain wanted. Common rice selling at 18 seers per rupee in Angul and 12 seers in Khondmals. Fodder and water sufficient.

**Puri.**—Rainfall at Sadar 1·52, Khurda 2·19. Weather hot and sometimes cloudy. *Sarad* being weeded and transplanted. Paddy crop on high lands damaged in some parts for want of rain. Damage by insect-pests also reported from parts of Khurda. *Beali* and *mandia* being harvested. Prospects of sugarcane, *arhar* and other miscellaneous crops good. Fodder sufficient. Cattle-disease continues in some places. Common rice sells as follows:—

			Srs.	CH.	
Sadar	...	...	15	12	} per rupee.
Khurda	...	...	15	12	
Interior of district	...	...	16	2	

**Hazaribagh.**—Rainfall at Sadar ·63, Giridih 1·10. Weather cloudy. More rain wanted. Common rice sells at 14 seers per rupee.

**Ranchi.**—Rainfall ·12. Weather hot and cloudy. Prospects of standing crops fair so far, but more rain is seriously wanted. Harvesting of *goradhan* and *marua* continues. Rice sells at Ranchi 13 seers per rupee, and in the interior 17½ seers per rupee. Cattle-disease reported from Ranchi thana. Fodder and water sufficient.

**Palamau.**—Rainfall ·05. Weather not seasonable. Rain urgently wanted for paddy crop and for ploughing *rabi* lands. *Bhadai* harvesting continues. Cattle-disease declining. Rice sells at 13 seers per rupee.

**Manbhum.**—Rainfall at Sadar 6·45, Gobindpur 3·13. Weather seasonable. *Bhadai* crops fair. Average crop of winter rice expected. Cattle-disease reported from thanas Nirsa, Gobindpur, Tundi, Topchanchi, and Chas. Fodder and water sufficient. Average price of common rice at Sadar 15 seers 3 chitaks and Gobindpur 13 seers per rupee. Supply sufficient.

**Singhbhum.**—Rainfall ·63. *Aus dhan* being out; outturn not good. Common rice sells at 16 seers 14 chitaks per rupee.

**General Summary.**—There was general rain during the week; in parts heavy, accompanied by cyclonic winds. No reports have been received from the Northern Bengal districts. The rain has greatly benefited the winter rice and other standing crops, but more is still required for the high lands in Orissa and Chota Nagpur. The autumn harvest is almost an end, and the ploughing for the *rabi* crops has begun. Prices of common rice continue steady with a tendency to fall in some districts. Cattle are generally in good condition, and fodder is everywhere abundant.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT,  
The 26th September 1899.

## IMPORTS INTO CALCUTTA.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior by Rail, Road, River (Country-boat and Steamer) and Canal during the month of June 1899.

Whence imported.	FOOD-GRAINS.					FIBRE PRODUCTS.				OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	Coal and coke.	Indigo.	SUGAR.		TOBACCO.	
	Rice and paddy.		Wheat.	Gram and pulse.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linsed.	Mustard seed.	Refined.						Unrefined.	Unmanufactured.	Manufactured.	
	Rice.	Paddy.*																		T. tal (in rice).
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
BENGAL.																				
Burdwan	60,610	1,00,619	Mds.	2,459	Mds.	3,171	Mds.	1,31,751	No.	1,311	Mds.	615	Mds.	180	29,06,004	Mds.	3,774	Mds.	157	Mds.
Birbhum	99,507	1,00,619	Mds.	16	Mds.	69,585	Mds.	2,870	3,112	2,331	Mds.	383	Mds.	63	11,178	Mds.	145	5,000	7,004	1,654
Midnapore	43,374	4,713	Mds.	3,549	Mds.	1,27,777	Mds.	632,253	1,417,141	1,862	Mds.	4,943	Mds.	602	7,004	Mds.	1,145	10,040	3,705	770
Hooghly	1,05,646	24,011	Mds.	4,556	Mds.	2,12,785	Mds.	13,833	17,918	1,862	Mds.	1,127	Mds.	1,543	7,004	Mds.	270	10,040	3,705	770
24-Parganas	1,81,398	42,689	Mds.	52,513	Mds.	2,33,726	Mds.	2,415	2,415	2,444	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
Nadia	13,141	144	Mds.	10,631	Mds.	2,33,726	Mds.	2,415	2,415	2,444	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
Murshidabad	9,155	144	Mds.	10,631	Mds.	2,33,726	Mds.	2,415	2,415	2,444	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
Je-sore	4,846	13,186	Mds.	129	Mds.	53,677	Mds.	1,613	2,135	2,509	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
Krutha	51,917	13,186	Mds.	129	Mds.	53,677	Mds.	1,613	2,135	2,509	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
Rajahm	549	13,186	Mds.	129	Mds.	53,677	Mds.	1,613	2,135	2,509	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
Dinajpur	18,093	3	Mds.	2,446	Mds.	15,070	Mds.	1,613	2,135	2,509	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
Jalpaiguri	111	3	Mds.	2,446	Mds.	15,070	Mds.	1,613	2,135	2,509	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
Darjeeling	19	3	Mds.	2,446	Mds.	15,070	Mds.	1,613	2,135	2,509	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
Rangpur	19	3	Mds.	2,446	Mds.	15,070	Mds.	1,613	2,135	2,509	Mds.	1,127	Mds.	689	7,004	Mds.	270	10,040	3,705	770
B-gia	16,227	475	Mds.	3,453	Mds.	4,004	Mds.	2,314	1,805	74	Mds.	1,645	Mds.	1,415	7,004	Mds.	270	10,040	3,705	770
Panna	7	7	Mds.	2,113	Mds.	16,744	Mds.	3,307	1,805	273	Mds.	1,645	Mds.	1,415	7,004	Mds.	270	10,040	3,705	770
Goach Behar	7	7	Mds.	2,113	Mds.	16,744	Mds.	3,307	1,805	273	Mds.	1,645	Mds.	1,415	7,004	Mds.	270	10,040	3,705	770
Decra	14	14	Mds.	3,521	Mds.	4,453	Mds.	3,067	3,338	891	Mds.	12,453	Mds.	1,855	7,004	Mds.	270	10,040	3,705	770
Mymensingh	44,635	400	Mds.	1,119	Mds.	8,133	Mds.	2,275	1,887	1,133	Mds.	1,133	Mds.	332	7,004	Mds.	270	10,040	3,705	770
Faridpur	87,713	775	Mds.	20,185	Mds.	2,18,604	Mds.	44,773	4,335	17,943	Mds.	2,879	Mds.	332	7,004	Mds.	270	10,040	3,705	770
Backersange	6,235	775	Mds.	1,119	Mds.	8,133	Mds.	2,275	1,887	1,133	Mds.	1,133	Mds.	332	7,004	Mds.	270	10,040	3,705	770
Tippura	2,010	2,010	Mds.	6,133	Mds.	6,133	Mds.	6,133	6,133	6,133	Mds.	6,133	Mds.	6,133	6,133	Mds.	6,133	6,133	6,133	6,133
Noakhali	2,010	2,010	Mds.	6,133	Mds.	6,133	Mds.	6,133	6,133	6,133	Mds.	6,133	Mds.	6,133	6,133	Mds.	6,133	6,133	6,133	6,133
Chittagong	2,010	2,010	Mds.	6,133	Mds.	6,133	Mds.	6,133	6,133	6,133	Mds.	6,133	Mds.	6,133	6,133	Mds.	6,133	6,133	6,133	6,133
Total of Bengal	7,45,650	2,05,313	Mds.	8,74,010	Mds.	13,02,473	Mds.	3,33,420	2,331,937	81,492	Mds.	68,883	Mds.	11,504	29,32,656	Mds.	1,759	49,801	57,281	2,435
BIHAR.																				
Patna	18,830	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Gaya	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Shahabad	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Saran	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Chumpran	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Muzaffarpur	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Darbhanga	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Monohar	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Rasulpur	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Purnea	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Malda	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Banka	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
South Parganas	5,660	5,660	Mds.	2,129	Mds.	92,190	Mds.	400	400	3,400	Mds.	8,778	Mds.	145	1,17,789	Mds.	1,759	49,801	57,281	2,435
Total of Bihar	413	413	Mds.	1,37,091	Mds.	5,17,096	Mds.	1,640	6,230	8,31,794	Mds.	1,17,789	Mds.	382	83	66	1,759	49,801	57,281	2,435

\* One sarsol of paddy is equivalent to 25 sarsol of rice.

† Exclusive of bags obtained by local manufacture.



Whence imported.	FOOD-GRAINS.										FIBROUS PRODUCTS.			OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	Coal and coke.	Indigo.	SUGAR.		TOBACCO.	
	Rice and paddy.			Wheat.	Gram and pulse.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard seed.	Refined.	Unrefined.	Cured.	Manufact.									
	Rice.	Paddy.*	Total (in rice).																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21				
<b>ORISSA.</b>																								
Cuttack	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.				
Balasore	2	2	2	2	2	2	2	2	583	48	292	2	2	2	2	2	2	2	435	435				
Total of Orissa	2	2	2	2	2	2	2	2	583	88	292	2	2	2	2	2	2	2	435	435				
<b>CHOTA NAAGPUR.</b>																								
Hazaribagh	283	283	283	283	283	283	283	283	35	359	16	127	271	271	271	271	271	271	271	271				
Manbhum	77	77	77	77	77	77	77	77	825	96	16	271	271	271	271	271	271	271	271	271				
Singbhum	77	77	77	77	77	77	77	77	825	96	16	271	271	271	271	271	271	271	271	271				
Total of Chota Nagpur.	360	360	360	360	360	360	360	360	1,085	445	14	368	368	368	368	368	368	368	368	368				
Grand Total of supplies from the Provinces under the Lieutenant-Governor of Bengal.	7,40,464	2,05,313	8,74,754	4,88,705	5,18,433	57,880	18,73,621	3,35,266	2,329,687	9,14,960	1,76,558	60,721	11,680	1,711	48,94,007	70	1,790	54,725	79,138	3,019				
<b>OTHER PROVINCES.</b>																								
Assam	450	450	450	28	2,683	118	8,141	3,654	175	68,976	70,948	85,946	3,680	1,395	1,395	1,395	1,395	1,395	1,395	1,395				
North-Western Provinces and Oudh.	28	28	28	12,04,740	1,06,563	118	18,12,431	.....	4,830	4,80,470	99,528	1,949	5,725	.....	.....	.....	.....	.....	.....	.....				
Punjab	12	12	12	5,416	2,792	.....	8,218	.....	.....	.....	883	280	1,696	.....	.....	.....	.....	.....	.....	.....				
Central Provinces	1,401	1,401	1,401	.....	6,031	.....	7,432	.....	.....	1,099	5,150	.....	1,093	.....	.....	.....	.....	.....	.....	.....				
Rajputana and Central India.	.....	.....	.....	.....	357	.....	337	.....	140	8,075	3,022	.....	5,074	.....	.....	.....	.....	.....	.....	.....				
Berar	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,775	.....	.....	.....	.....	.....	.....	.....				
Bombay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
Grand Total of 1899	7,48,356	2,05,313	8,76,675	16,30,888	6,36,821	99,117	32,11,601	3,38,990	2,334,962	14,04,929	3,57,080	1,54,302	41,895	1,711	48,95,408	70	1,797	57,302	79,138	3,039				
1898	6,73,672	1,10,050	7,42,486	12,35,209	1,80,896	50,108	22,08,769	5,80,862	2,729,690	6,75,674	2,90,461	1,09,525	55,836	1,984	50,23,442	131	1,02,453	1,33,884	47,480	4,005				

\* One maund of paddy is equivalent to 25 seers of rice. † Exclusive of bags obtained by local manufacture.

## II.

*The Sea-borne Trade of Calcutta in these staples during the month of June 1899 was as follows:—*

EXPORTED FROM CALCUTTA.	Rice.	Paddy.	Total (in rice).	Wheat.	Gram and pulses.	Other food- grains.	Total.	Jute, raw.	Gunny- bags.	Linseed.	Mustard seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
															Refined.	Unrefined.	Unmanu- factured.	Manufac- tured.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Indian Ports, viz.—	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Bombay ...	25,031	30	25,040	.....	11,418	38	36,505	16,957	1,082,600	.....	43,590	1,863	480	.....	404	.....	.....	39
Madras ...	37,010	.....	37,010	.....	24,937	1,312	63,259	.....	218,700	.....	507	65	.....	23	52	.....	.....	25
Other ports in Madras ...	.....	.....	.....	.....	.....	.....	.....	.....	4,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
Surma ...	3,646	.....	3,646	4,003	17,727	600	26,036	.....	1,038	20	60	203	301	15	212	883	17,019	137
Other Indian ports ...	.....	.....	.....	334	1,714	.....	2,048	.....	7,580	1	.....	3	1	.....	1,802	1,015	3,358	64
Total of Inter- portial Trade	65,687	30	65,705	4,307	55,796	1,050	1,27,948	16,957	1,313,013	21	44,237	1,970	701	38	2,509	2,709	20,977	355
Foreign Ports—																		
United Kingdom	52,520	.....	52,520	5,01,217	87,506	.....	6,41,612	73,950	1,966,700	3,33,135	2,862	1,10,942	2,236	451	.....	.....	.....	45
Other foreign ports ...	1,67,405	8,080	1,68,453	2,29,356	49,712	11,175	4,73,808	1,38,411	9,874,005	9,67,144	1,80,750	5,780	45,807	597	12	4	5,180	94
Total of Foreign Trade	3,40,234	8,080	2,40,234	7,21,773	1,37,278	11,175	11,15,510	2,12,361	11,840,705	13,02,279	1,88,621	1,16,722	47,443	1,048	12	4	5,180	139
Total Imports June 1899	3,06,921	8,110	3,10,089	7,29,170	1,93,074	13,125	12,43,333	2,29,318	13,154,618	13,02,300	2,32,858	1,18,698	49,234	1,060	3,573	2,603	26,127	394
June 1898	4,75,764	.....	4,75,764	10,82,441	89,077	4,892	10,52,174	1,55,632	14,414,260	3,89,832	1,45,594	97,323	27,313	940	3,766	8,491	12,304	940

## III.

## IMPORTS INTO CALCUTTA.

*The following statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of June 1899.*

SPECIFICATION OF ROUTES.	FOOD-GRAINS.					FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	Coal and Coke.	Indigo.	SUGAR.		TOBACCO.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food- grains.	Jute, raw.	Gunny- bags.	Linseed.	Mustard seed.						Re- fined.	Un- refined.	Unmanu- factured.	Manufac- tured.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Country boats ...	3,64,644	68,816	33,072	2,31,977	681	61,584	1,530,050	.....	66,788	28,916	.....	4,023	140	14,993	.....	1,770	22,904	7,754
Over steamers ...	9,579	102	4,647	4,664	1,334	1,40,635	4,672	1,86,785	92,023	63,540	5,470	352	1,390	.....	.....	641	1,279	80
E. I. Railway	1,65,815	27,311	15,44,400	2,57,073	41,094	20,733	30,375	11,71,430	2,11,423	2,037	26,029	780	43,71,672	66	20	8,722	18,008	839
E. B. S. Rail- way.	91,861	530	56,770	1,39,000	15,005	23,826	730,490	37,933	23,806	65,908	2,437	421	622	4	.....	19,340	44,815	.....
Assam-Bengal Railway.	6	.....	.....	.....	.....	.....	315	533	.....	22,024	1,566	.....	.....	.....	.....	.....	.....	.....
Bental-Nag- pur Railway.	1,002	.....	.....	1,548	.....	.....	280	.....	867	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	1,16,358	20,995	20	924	.....	13,222	14,400	590	.....	.....	1,480	.....	6,720	.....	1	.....	.....	.....
Total of Imports in { 1899	7,48,355	2,05,313	10,39,868	9,36,921	53,117	3,59,920	2,334,982	14,04,029	3,57,083	1,54,300	41,505	1,711	43,95,403	70	1,797	57,303	79,138	3,029
..... { 1898	9,73,672	1,10,030	12,35,900	1,80,686	50,198	5,80,562	2,739,690	6,75,574	2,00,491	1,09,525	55,330	1,884	50,25,413	131	1,02,453	1,33,884	47,400	4,066

## IV.

## EXPORTS FROM CALCUTTA.

The following Statement shows the Values and Quantities of the Principal Staples of Traffic exported Inland from Calcutta by Rail, Road, River (Country-boat and Steamer) and Canal during the month of June 1899 :—

Whither exported.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Kero- sine oil.	Gunny- bags.	Whither exported.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Kero- sine oil.	Gunny- bags.
	Euro- pean.	Indian.	Euro- pean.	Indian.					Euro- pean.	Indian.	Euro- pean.	Indian.			
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
<b>BENGAL.</b>								<b>ORISSA.</b>							
Burdwan ...	Rs. 1,64,481	Rs. 850	Mds. 21	Mds. 1,439	Mds. 46,330	Mds. 9,463	No. 122,330	Balasore ...	Rs. 6,962	Rs. 612	Mds. 45	Mds. 151	Mds. 1,206	Mds. 2	No. 3,800
Birbhum ...	1,06,176	6,373	21	1,393	27,716	2,014	85,615	Total of Orissa ...	6,962	612	45	151	1,206	2	3,800
Midnapore ...	2,36,137	2,074	1,022	77	46,978	1,987	7,740	<b>CHOTA NAGPUR.</b>							
Hoochly ...	1,22,364	4,202	463	131	3,594	5,234	25,334	Hazaribagh ...	5,106	306	.....	572	12,985	1,094	1,400
24-Parganas ...	2,70,608	8,543	916	.....	11,469	65,082	9,550	Manbhum ...	70,002	966	148	927	32,724	1,551	7,000
Nadia ...	2,43,448	2,322	2,124	381	34,547	6,444	96,414	Singbhum ...	10,168	646	81	7	8,000	1200	2,300
Murshidabad ...	74,560	.....	74	222	6,837	1,025	21,295	Total of Chota Nagpur ...	95,174	1,938	179	1,306	53,199	2,854	5,000
Jessore ...	94,775	.....	1,055	50	24,951	4,863	9,275	<b>OTHER PROVINCES.</b>							
Khulna ...	50,616	.....	252	.....	7,281	1,402	39,145	Assam ...	4,56,115	714	917	36	41,319	19,934	5,000
Rajshahi ...	1,59,206	68	334	48	14,920	1,381	10,220	North-Western Provinces and Oudh ...	15,33,303	4,584	2,812	283	45,171	23,129	8,000
Dinapore ...	88,919	.....	24	162	15,319	1,646	16,295	Punjab ...	3,29,839	16,002	555	66	18	3,107	7,000
Jalpaiguri ...	79,764	.....	7	208	12,415	3,109	2,975	Central Provinces ...	41,564	16,796	161	80	571	7,309	11,000
Darjeeling ...	48,475	.....	24	183	8,037	1,671	4,550	Rajputana and Central India ...	43,080	260	76	.....	.....	481	10,000
Ranapur ...	1,98,180	.....	321	314	25,505	2,820	12,180	Bihar ...	6,368	.....	.....	.....	.....	.....	.....
B. ga. ...	1,40,163	.....	128	75	7,439	872	30,482	Nizam's Territory ...	400	.....	.....	.....	.....	.....	.....
Patna ...	1,07,813	.....	334	60	31,400	23,820	20,720	Bombay ...	1,460	1,122	.....	.....	.....	.....	.....
Cooch Behar ...	30,912	.....	80	1,578	.....	.....	385	Sind ...	.....	.....	.....	.....	.....	.....	.....
Dacca ...	8,32,744	.....	2,275	43	53,612	15,789	11,130	Grand Total of Exports in 1899 ...	73,69,107	60,423	18,498	15,157	9,47,119	3,50,938	2,500
Myitthaingyi ...	1,04,429	.....	61	217	4,187	39,185	7,455	June ...	73,04,714	45,299	21,445	39,115	10,16,024	3,50,938	17,400
Madipur ...	1,32,823	238	919	81	32,630	6,692	67,069								
Buckergunge ...	322	.....	808	.....	30,776	11,055	1,610								
Tippur ...	70,873	.....	889	.....	7,444	552	3,290								
Chittagong ...	7,430	.....	299	.....	3,575	.....	1,155								
Total of Bengal ...	29,75,239	19,460	13,173	5,215	6,60,072	2,00,125	608,083								
<b>BIHAR.</b>															
Patna ...	1,64,421	372	202	525	22,463	10,371	359,580								
Gaya ...	88,744	.....	.....	10	24,640	1,752	32,305								
Shahabad ...	3,65,763	.....	21	814	31,444	928	5,570								
Baran ...	2,04,180	102	31	132	21,477	618	31,535								
Chamran ...	1,42,738	476	15	134	33,080	2,109	43,335								
Muzaffargarh ...	1,20,023	306	22	127	36,342	3,305	31,395								
Murlihar ...	1,07,302	340	17	669	42,588	1,905	69,660								
Meerghur ...	1,07,437	1,440	8	1,458	25,512	3,195	125,440								
Madipur ...	1,46,390	2,591	28	538	32,086	2,694	14,110								
Purnea ...	2,05,574	.....	1,823	37,384	4,008	29,030	12,390								
Molda ...	61,591	248	122	259	6,655	630	12,390								
South Parganas ...	80,770	2,210	714	1,498	31,737	3,107	70,000								
Total of Bihar ...	18,78,523	8,340	530	6,074	3,40,508	34,974	1,007,160								

## V.

The Sea-borne Trade of Calcutta in these Staples during the month of June 1899 was as follows :—

IMPORTED INTO CALCUTTA.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Kerosine oil.	Gunny-bags.
	European.	Indian.	European.	Indian.			
1	2	3	4	5	6	7	8
From Foreign Ports—	Rs.°	Rs.	Mds.	Mds.	Mds.	Mds.	No.
United Kingdom ...	2,17,63,909	.....	8,338	.....	6,48,035	6,021	.....
Other foreign ports ...	49,010	.....	1,045	.....	2,06,601	1,35,065	.....
Total of Foreign Trade ...	2,18,13,525	.....	9,383	.....	2,40,636	1,41,086	.....
From Indian Ports—	.....	.....	.....	.....	.....	.....	.....
Roadway ...	13,473	2,22,324	.....	12,520	3,702	.....	.....
Madras ...	935	23,503	.....	122	.....	.....	.....
Bombay ...	39,748	495	.....	17	.....	23,980	.....
Other Indian ports ...	320	1,125	.....	5	.....	.....	.....
Total of Interport Trade ...	50,516	2,44,009	.....	13,664	3,702	23,980	.....
Grand Total of Imports in 1899 ...	2,18,70,041	2,48,009	9,383	13,664	9,50,338	1,65,069	.....
June ...	1,36,58,926	84,829	18,039	13,743	8,11,882	26,18,919	31,700

\* As per tariff declaration value.

## VI.

The following Statement shows the several Routes followed by the Trade in the above Principal Staples of Traffic exported from Calcutta during the month of June 1899 :—

1	2	3	4	5	6	7	8
Specification of Routes—	Rs.	Rs.	Mds.	Mds.	Mds.	Mds.	No.
By country boats ...	1,62,306	4,100	732	.....	1,41,871	27,431	.....
By river steamers ...	8,05,500	2,652	3,550	115	1,46,509	55,243	.....
By rail { East Indian Railway ...	42,18,594	54,373	4,015	12,274	4,57,763	81,229	.....
By rail { Eastern Bengal State Railway ...	17,08,673	306	7,020	2,620	1,63,438	81,737	.....
By rail { Assam-Bengal Railway ...	1,25,110	714	877	.....	198	128	.....
By rail { Bengal-Nagpur Railway ...	5,424	3,530	.....	235	481	508	.....
By road ...	2,90,610	3,843	764	.....	7,244	.....	.....
Grand Total of Exports in June ...	73,69,107	60,423	18,498	15,157	9,47,119	3,50,938	3,800
June ...	72,08,714	45,299	21,445	39,115	10,16,024	3,50,938	17,400

STATISTICAL DEPARTMENT,  
The 23rd September 1899.

F. A. SLACK,  
Offg. Secy. to the Govt. of Bengal

Results of the Meteorological Observations taken at the Alipore Observatory from  
17th to 23rd September 1899.

Month	Date	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1899.				Inches.	°	°		°	°	Inches.		%			Inches.	
Sept.	17th	143.6	1.7	29.746	84.6	89.8	10.9	78.9	81.0	1.014	79.7	86	S and SSW ...	75	Nil	Chiefly cloudy, a.
"	18th	164.2	6.9	717	85.1	92.6	13.4	79.2	81.4	1.022	79.9	85	SSW and calm ...	51	"	Partially cloudy, a.
"	19th	152.4	6.1	677	85.6	91.8	12.6	79.2	80.3	0.965	78.2	79	SSW and calm ...	41	"	Partially cloudy, a.
"	20th	152.3	7.4	660	85.8	93.1	13.6	79.5	81.1	1.000	79.2	81	S and calm ...	42	"	Partially cloudy, a.
"	21st	146.9	5.3	648	84.6	93.4	13.2	80.2	81.0	1.011	79.6	85	Calm and variable	63	0.27	Chiefly cloudy, o, g, d, p, t, a.
"	22nd	133.4	0.3	617	79.8	88.4	11.0	77.4	78.1	0.940	77.3	92	NNW and NE ...	99	1.42	Chiefly cloudy, o, g, p.
"	23rd	128.7	Nil	485	79.8	86.3	9.0	77.3	78.4	0.954	77.8	93	N, NE and WSW	248	3.45	Cloudy, o, g, d, p.

The mean pressure of the seven days ... Inches. 29.650  
 The average pressure of the corresponding period for 24 years, Surveyor-General's Office ... 29.690

The total number of hours of bright sunshine ... Hours. 27.7  
 The maximum possible number of hours of sunshine ... 85.0

The mean temperature of the seven days ... 83.6  
 The average temperature of the corresponding period for 24 years, Surveyor-General's Office ... 83.0

The extreme variation of temperature ... 16.1  
 The maximum temperature ... 93.4

The highest velocity of the wind in one hour ... Miles. 17

The mean relative humidity ... 86  
 The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office ... 86

The total fall of rain from 17th to 23rd September 1899 ... Inches. 5.14

The average fall of the corresponding period for 24 years, Surveyor-General's Office ... 2.69

The total fall from 1st January to 23rd September 1899 ... 68.77

The average fall of the corresponding period for 24 years, Surveyor-General's Office ... 57.06

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h., and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beekley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; a, dew; t, thunder.

METEOROLOGICAL OFFICE, GOVT. OF INDIA,  
 Calcutta, the 25th September 1899.

G. W. KÜHLER,  
 For Meteorological Reporter to the Govt. of India.



**IRRIGATION DEPARTMENT, BENGAL.**  
**IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1899-1900.**  
*Areas leased for Irrigation up to end of August 1899.*

CIRCLE.	District.	Canal.	DETAILS OF AREAS LEASED.										Rainfall, 1899-1900.		REMARKS.							
			Estimated full discharge.	Average discharge in month.	Discharge utilized.	Approximate area of land irrigated during the year up to the end of the month.	Approximate area of land under irrigation up to the same date last year.	Season leaves.					During month.	Up to end of month.								
								Long-term leaves.	Kharif.	Rabi.	Sugarcane.	Bhudol.				Hot-weather.	Total.	GRAVY TOTAL.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
Oude.	Cuttack	Taldanda, 1st reach	1,522	703	216	16,823	17,707	14,016	3,741	.....	.....	.....	.....	.....	3,741	17,757	10.19	43.91	19.83	33.91	Kolal.	
		Ditto, 2nd "	466	286	455	31,709	32,665	24,182	8,576	.....	.....	.....	.....	.....	8,576	31,708	6.42	26.95	10.70	37.53	Ratia.	
		Machgaon	776	468	754	50,433	50,613	44,676	5,737	.....	.....	.....	.....	.....	5,737	50,433	10.05	33.33	16.38	37.53	Jamisinpur.	
		Kendrapara	1,067	805	81	3,603	3,592	3,517	178	.....	.....	.....	.....	.....	178	3,603	6.20	43.77	17.31	40.87	Kendrapara.	
		Gobri	373	32	37	3,064	3,040	3,397	150	.....	.....	.....	.....	.....	150	3,457	9.53	48.45	23.33	40.28	Kendrapara.	
		Do. Extension	684	45	203	12,895	11,116	12,957	1,281	.....	.....	.....	.....	.....	1,281	14,218	10.61	44.45	29.70	40.00	Kendrapara.	
		Patanundi	885	248	106	22,215	21,758	20,290	1,914	.....	.....	.....	.....	.....	1,914	22,214	13.12	44.44	17.73	38.39	Kendrapara.	
		High Level, Range I	608	473	34	3,605	2,908	2,908	.....	.....	.....	.....	.....	.....	.....	2,908	13.72	44.44	17.73	38.39	Kendrapara.	
		Ditto, do. II	757	34	28	3,605	2,908	2,908	.....	.....	.....	.....	.....	.....	.....	2,908	13.72	44.44	17.73	38.39	Kendrapara.	
		Jasur Canal	700	193	168	10,806	10,806	9,013	194	.....	.....	.....	.....	.....	.....	194	20,208	8.98	35.61	19.04	35.06	Kendrapara.
SOUTH-WESTERN.	Belasore	High Level, Range III	727	313	313	23,256	23,559	28,808	.....	.....	.....	.....	.....	.....	.....	23,256	9.45	40.35	16.31	37.01	Kendrapara.	
		Total	.....	.....	.....	182,377	183,744	182,730	21,701	.....	.....	.....	.....	.....	22,228	184,967	.....	.....	.....	.....	Kendrapara.	
		Total of the corresponding period of last year	.....	.....	.....	.....	.....	176,476	10,480	.....	.....	.....	.....	.....	10,985	187,451	.....	.....	.....	.....	Kendrapara.	
		Midnapore	1,411	442.93	283.81	47,449	26,408	62,333	.....	.....	.....	.....	.....	.....	.....	62,333	9.17	50.97	13.63	45.00	30 days discharging.	
		Panchkura	620	29.91	12.47	1,443	1,001	6,597	.....	.....	.....	.....	.....	.....	.....	6,597	10.95	55.50	10.62	24.61	15 "	
		Tidal Reaches, Ranges I & II	.....	.....	.....	.....	1,324	1,397	.....	.....	.....	.....	.....	.....	.....	1,397	.....	.....	.....	.....	"	
		Total	.....	.....	.....	48,032	28,420	70,237	.....	.....	.....	.....	.....	.....	.....	70,237	.....	.....	.....	.....	"	
		Total of the corresponding period of last year	.....	.....	.....	.....	.....	67,373	.....	.....	.....	.....	.....	.....	.....	67,373	.....	.....	.....	.....	"	
		Western Main	4,342	2,991	373	14,927	18,473	11,444	4,904	.....	.....	.....	.....	.....	.....	5,393	16,797	10.75	43.99	17.47	32.46	"
		Buxar	1,286	625	595	76,621	76,621	68,671	12,738	.....	.....	.....	.....	.....	.....	12,738	90,359	8.89	42.23	13.97	36.70	"
SOUTH-EASTERN.	Shahabad	Patna	2,000	1,769	1,300	144,190	148,763	117,017	22,053	.....	.....	.....	.....	.....	22,053	181,811	8.89	42.23	13.97	36.70	"	
		Eastern Main	1,408	1,259	956	73,235	74,712	63,805	10,175	.....	.....	.....	.....	.....	10,175	75,310	10.47	43.00	17.40	36.78	"	
		Patna	.....	.....	.....	312,141	321,372	247,336	59,487	.....	.....	.....	.....	.....	81,406	325,732	.....	.....	.....	.....	"	
		Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	"	
		Total of the corresponding period of last year	.....	.....	.....	.....	.....	289,688	24,973	.....	.....	.....	.....	.....	47,133	335,821	.....	.....	.....	.....	"	
		Grand Total	.....	.....	.....	543,450	533,495	490,232	81,278	.....	.....	.....	.....	.....	25,243	103,724	583,956	.....	.....	.....	.....	"
		Grand Total of the corresponding period of last year	.....	.....	.....	.....	.....	534,512	35,462	.....	.....	.....	.....	.....	23,348	10,058	592,630	.....	.....	.....	.....	"
		Patna and Gaya.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	"	
		Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	"	
		Total of the corresponding period of last year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	"	

\* There are no separate leases for sugarcane on the Sone Canal. All leased fields of that crop now come under one of the other heads.

Calcutta,  
The 26th September 1899.

A. H. C. MACCARTHY,  
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

*Approximate Return of Traffic for the week ending Saturday, the 23rd September 1899,  
as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 23RD SEPTEMBER 1899.			WEEK ENDING SATURDAY, THE 24TH SEPTEMBER 1898.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	911	1,40,185	3,232	625	79,135	1,227
Jute	129	45,075	722	95	30,675	590
Firewood	80	60,975	909	32	32,450	270
Other articles	720	1,60,300	2,040	556	1,16,385	1,598
Total	1,840	4,06,535	5,893	1,308	2,58,645	3,625

## BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

*Abstract of principal Commodities carried over the Bengal Central Railway during the month of July 1899, as compared with the same month of previous year.*

ARTICLES.	1899.		1898.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1899.	1898.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal and Coke carried for the Public and Foreign Railways.	1,189	3	1,613	50	1,189	1,663		474
Cotton, raw		4		13	4	13		9
Cotton, manufactured—								
Twist and yarn, European	113		114		113	114		1
Ditto, Indian	5		8		5	8		3
Piece-goods, European	75		130		75	130		55
Ditto, Indian	1		1		1	1		
Drugs and Chemicals—								
Intoxicating, other than Opium								
Non-intoxicating—								
Cinchona bark								
Others	1		3		1	3		2
Dyes and Tans—								
Indigo								
Myrabolans								
Cutch			1			1		1
Turmeric	4	17	4	60	31	73		42
Alizarine and Aniline Dyes								
Al (Morinda Citrifolia)								
Others								
Grain and Pulse—								
Wheat		4	1	4	4	5		1
Rice in the husk	31	33	323	36	353	356		3
Do. not in the husk	20	68	124	25	688	149	539	
Jawar and bajra								
Gram and pulse	13	279	47	30	203	77	126	
Others								
Hides and Skins—								
Hides of cattle—								
Dressed or tanned								
Raw								
Skins of sheep, &c.—		28		62	28	62		34
Dressed or tanned								
Raw								
Horns								
Hemp and other fibres—								
Jute—								
Raw	4	330		31	334	21	313	
Gunny-bags and cloth	31	3	10	7	34	23	11	
Leo—								
Stick								
Shell								
Leather, manufactured	1				1			
Liquors—								
Ale and beer								
Spirit of all kinds, including country spirit								
Wine	3		3		3	3		
All other sorts, including toddy and fermented liquor, other than ale and beer								
Metals—								
Copper, unwrought								
Brass, ditto								
Copper, wrought								
Brass, ditto	3	6	9	4	9	11		2
Iron and steel—								
(a) Cast								
(b) Unwrought								
(c) Wrought	15		56		15	56		41
(d) Manufactures of iron and steel	8				8			
Others	13	19	18	23	23	41		18
Oils—								
Kerosine	144		235	3	144	238		94
Castor								
Coconut	21		36		21	36		15
Mustard and rape	55				55			
Others	1		84		1	84		83
Oilseeds—								
Linseed		83		30	83	30		53
Rape and mustard	31	31	33	23	62	54	8	
Til or linjili		559		559	559	559		
Poppy								
Earth-nuts								
Castor								
Others								
Opium	1			1	1	1		
Paper and Pasteboard	20	1	10	3	20	20		
Provisions—								
Ghee	3		4		3	4		1
Dried fruits and nuts				4		4		4
Others		37	53	53	53	112		59
Railway plant and rolling-stock carried for the Public and Foreign Railways—								
Locomotives, engines, and tenders, and parts thereof								
Carriages and trucks, and parts thereof								
Material—								
Steel rails and fish-plates								
Sleepers and keys of steel and cast-iron								
Other sorts								
Salt	209		320	9	209	320		111

**SUPPLEMENT TO THE CALCUTTA GAZETTE, SEPTEMBER 27, 1899. 1687**

ARTICLES.	1899.		1898.		TOTAL.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1899.	1898.		
<b>Saltpetre, Ac.—</b>	<b>Tons.</b>	<b>Tons.</b>	<b>Tons.</b>	<b>Tons.</b>	<b>Tons.</b>	<b>Tons.</b>	<b>Tons.</b>	<b>Tons.</b>
Saltpetre ... ..	1	...	...	...	1	...	1	...
Other saline substances ... ..	...	...	...	...	...	...	...	...
<b>Silk, raw—</b>								
Foreign ... ..	...	...	...	...	...	...	...	...
Indian ... ..	...	...	...	...	...	...	...	...
<b>Silk piece-goods—</b>								
Foreign ... ..	...	...	...	...	...	...	...	...
Indian ... ..	...	...	...	...	...	...	...	...
<b>Spices—</b>								
Betel-nuts ... ..	...	140	4	195	140	199	...	60
Pepper ... ..	...	...	1	...	...	1	...	1
Ginger ... ..	...	...	...	...	...	...	...	...
Chillies ... ..	...	...	...	...	...	...	...	...
Cardamoms ... ..	2	9	4	26	11	30	...	19
Others ... ..	...	...	...	...	...	...	...	...
<b>Stone and lime</b>	<b>3</b>	<b>5</b>	<b>17</b>	<b>3</b>	<b>8</b>	<b>20</b>	...	<b>12</b>
<b>Sugar—</b>								
Refined or crystallised, including sugar-candy.	37	...	41	...	37	41	...	4
Unrefined, viz., molasses and jagerry or gur, and other saccharine produce.	31	60	37	105	31	142	...	61
<b>Tee—</b>								
Foreign ... ..	...	...	...	...	...	...	...	...
Indian ... ..	...	...	...	...	...	...	...	...
<b>Timber</b>	<b>53</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>53</b>	<b>782</b>	...	<b>186</b>
<b>Tobacco—</b>								
Unmanufactured	126	48	73	66	168	136	30	...
Manufactured—								
Cigars ... ..	...	...	...	...	...	...	...	...
Other sorts ... ..	3	...	...	...	3	...	3	...
<b>Wool—</b>								
Raw ... ..	...	...	...	...	...	...	...	...
Manufactured—								
Carpets and rugs ... ..	...	...	...	...	...	...	...	...
Piece-goods, European ... ..	...	...	...	...	...	...	...	...
Ditto, Indian ... ..	1	...	...	...	1	...	1	...
Other sorts of manufactures ... ..	...	...	...	...	...	...	...	...
<b>All other articles of merchandise</b>	<b>105</b>	<b>126</b>	<b>163</b>	<b>137</b>	<b>302</b>	<b>330</b>	...	<b>28</b>
<b>Total</b>	<b>3,302</b>	<b>2,908</b>	<b>4,408</b>	<b>1,842</b>	<b>6,190</b>	<b>6,101</b>	<b>1,717</b>	<b>1,086</b>

CALCUTTA, the 23rd September 1899.

T. SIDDLE,  
Auditor.



## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for the week ended 9th September 1899 on 1,710·53 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	299,268	2,87,069 5 0	44,64,584 20	7,67,205 1 0	14,730 0 0	10,60,014 6 0	93,713	163,317	257,030
Or per mile of railway ...	...	167 13 4	...	448 8 4	8 9 8	624 15 4	...	...	...
For previous 9½ weeks of half-year ...	*2,900,863	*29,28,304 10 0	*45,58,31,191 20	*59,70,918 7 0	*1,20,338 0 0	*90,38,571 1 0	*871,019	*1,86,5,911	*2,33,230
Total for 10½ weeks ...	3,260,163	32,15,393 15 0	4,02,95,716 0	67,35,123 8 0	1,44,078 0 0	1,00,97,585 7 0	904,732	1,527,528	2,402,260
COMPARISON.									
Total for corresponding week of previous year ...	297,028†	3,05,664 5 11	39,75,079 30	7,28,766 15 9	20,818 4 6	10,55,239 10 1	91,905	161,331	253,136
Per mile of railway corresponding week of previous year ...	...	179 4 3	...	427 6 5	12 3 4	618 14 0	...	...	...
Total for corresponding 10½ weeks of previous year ...	3,080,263‡	30,30,013 12 1	3,91,80,424 10	71,43,477 8 5	2,13,527 0 0	1,03,93,918 5 3	941,921	1,671,318	2,513,239

- (a) Deducted Rs. 25,060, being the estimated amount of rebate on coal for the week.  
 (b) The increase is chiefly in upward coal traffic from Gaurangdi and Giridih and in food-grains from stations on the Loop and Dinapore districts.  
 (c) Payments on account of rullage and demurrage being more than the receipts, nothing is included.  
 \* Added No. of passengers 54 and Rs. 2,234 } on account of difference between the approximate and audited figures for the week ended 29th July 1899.  
 † Deducted Mds. 01,787 and " 7,948 }  
 ‡ Do. " 1,735 }  
 § Audited figures up to the week ended 29th July 1899.  
 (d) Includes amount of rebate on coal, Rs. 34,759 0 0  
 (e) " " of mileage and demurrage " 6,783 4 0

## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for the week ended 9th September 1899 on 22·23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	18,344	4,302 0 0	14,432 30	453 10 0	0 0 0	4,704 10 0	1,111	77	1,188
Or per mile of railway ...	...	193 8 4	...	20 6 6	0 0 0	214 5 4	...	...	...
For previous 9½ weeks of half-year ...	*168,016	*38,284 2 0	*1,30,984 0	*3,941 0 0	*38 0 0	*42,318 8 0	*10,195	*503	*11,698
Total for 10½ weeks ...	184,360	42,686 2 0	1,45,466 30	4,395 0 0	97 0 0	47,078 2 0	11,300	980	12,280
COMPARISON.									
Total for corresponding week of previous year ...	20,041†	4,425 3 4	11,091 10	423 8 0	11 0 3	4,862 4 7	1,120	69	1,188
Per mile of railway corresponding week of previous year ...	...	199 1 0	...	19 2 3	0 8 4	218 11 7	...	...	...
Total for corresponding 10½ weeks of previous year ...	191,306‡	41,535 13 5	1,08,390 10	3,371 3 0	70 14 3	46,077 13 8	11,628	1,006	12,634

- \* Deducted No. of passengers 739 and Rs. 275 } on account of difference between the approximate and audited figures for the week ended 29th July 1899.  
 † Ditto Mds. 1,480 and added " 11 }  
 ‡ Ditto " 1 }  
 § Audited figures up to the week ended 29th July 1899.

## DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 9th September 1899 on 162·24 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	16,578	14,189 14 0	77,672 10	9,910 3 0	66 0 0	24,166 1 0	6,844	3,628	10,472
Or per mile of railway ...	...	87 7 5	...	61 1 4	0 6 0	148 15 3	...	...	...
For previous 9½ weeks of half-year ...	*161,048	*1,33,564 15 0	*77,60,109 10	*1,01,847 2 0	608 0 0	*2,37,520 1 0	*63,554	*39,563	*103,116
Total for 10½ weeks ...	178,226	1,40,784 13 0	8,37,781 20	1,11,257 5 0	674 0 0	2,61,086 2 0	70,428	39,080	109,508
COMPARISON.									
Total for corresponding week of previous year ...	14,116	13,330 5 9	64,803 10	7,901 11 0	59 6 0	21,401 6 9	6,961	3,177	10,138
Per mile of railway corresponding week of previous year ...	...	83 6 5	...	48 11 3	0 5 10	132 7 0	...	...	...
Total for corresponding 10½ weeks of previous year ...	181,340	1,45,435 7 10	8,35,294 30	77,676 0 6	550 7 6	2,33,603 8 10	72,959	30,505	103,464

- \* Added No. of passengers 966 and deducted Rs. 2,336 } On account of difference between the approximate and audited figures for the week ended 29th July 1899.  
 † Deducted Mds. 12,633 and added " 2,130 }  
 ‡ Audited figures up to the week ended 29th July 1899.

## SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 9th September 1899 on 78.83 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings estimated.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	7,808	Rs. A. P. 4,128 0 0	Mds. s. 30,358 30	Rs. A. P. 1,819 0 0	Rs. A. P. 9 0 0	Rs. A. P. 5,056 0 0	847	425	1,372
Or per mile of railway ...	...	52 5 10	...	23 1 3	0 1 10	75 5 11	...	...	...
For previous 8½ weeks of half-year.	*68,241	*33,046 3 0	†1,40,827 0	†12,017 14 0	‡61 0 0	45,145 1 0	\$7,230	\$2,035	\$9,265
Total for 9½ weeks ...	76,049	37,174 3 0	1,61,185 20	13,836 14 0	90 0 0	51,101 1 0	8,077	2,400	10,537
COMPARISON.									
Total for corresponding week of previous year.	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding week of previous year.	...	...	...	...	...	...	...	...	...
Total for corresponding weeks of previous year.	...	...	...	...	...	...	...	...	...

\* Deducted No. of passengers 2,695 and Rs. 1,618

† Added Mds. 2,730 and Rs. 365

‡ Do 3 1899.

§ Audited figures up to the week ended 29th July 1899.

## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BIHAR SECTIONS.)

Approximate Return of Traffic and Mileage for the week ended 16th September 1899 on 834 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	183,960	Rs. A. P. 90,950 0 0	Mds. s. 11,38,210 0	Rs. A. P. 2,83,580 0 0	Rs. A. P. 14,670 0 0	Rs. A. P. 3,08,250 0 0	38,030	44,704	82,734
Or per mile of railway ...	221	100 0 0	1,365 0	336 0 0	1 0 0	1,448 0 0	...	...	...
For previous 10 weeks of half-year*	2,007,163	9,16,076 0 0	80,18,894 0	18,19,643 0 0	1,46,631 0 0	28,69,353 0 0	357,936	378,900	736,436
Total for 11 weeks ...	2,191,113	10,07,036 0 0	1,00,57,104 0	21,02,230 0 0	1,61,301 0 0	32,70,563 0 0	395,250	413,904	818,160
COMPARISON.									
Total for corresponding week of previous year ...	162,370	84,503 0 0	9,75,505 0	2,00,304 0 0	8,617 0 0	2,73,613 0 0	28,938	33,046	66,984
Per mile of railway corresponding week of previous year ...	198	79 0 0	1,074 0	245 0 0	1 0 0	325 0 0	...	...	...
Total to corresponding date of previous year ...	2,002,785	8,53,106 0 0	91,51,630 0	17,15,870 0 0	1,45,883 0 0	26,94,857 0 0	3,51,778	367,110	746,888

NOTE.—Increase is chiefly due to jute traffic.

• Audited up to 16th July 1899.

† Excluding steamer earnings.

## DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 16th September 1899 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	36,050	Rs. A. P. 7,370 0 0	Mds. s. 40,330 0	Rs. A. P. 4,000 0 0	Rs. A. P. 70 0 0	Rs. A. P. 11,630 0 0	2,400	1,600	4,170
Or per mile of railway ...	803	86 0 0	469 0	47 0 0	1 0 0	134 0 0	...	...	...
For previous 10 weeks of half-year*	2,40,984	73,301 0 0	164,561 0	14,064 0 0	988 0 0	68,363 0 0	26,638	12,323	39,060
Total for 11 weeks ...	2,76,034	80,671 0 0	204,891 0	18,164 0 0	1,088 0 0	99,883 0 0	29,118	15,012	44,130
COMPARISON.									
Total for corresponding week of previous year ...	19,007	5,513 0 0	35,060 0	2,433 0 0	307 0 0	8,343 0 0	2,394	1,402	3,796
Per mile of railway corresponding week of previous year ...	222	64 0 0	302 0	28 0 0	5 0 0	97 0 0	...	...	...
Total to corresponding date of previous year ...	2,52,400	74,203 0 0	241,249 0	17,340 0 0	2,303 0 0	63,746 0 0	25,000	22,768	49,468

• Audited up to 16th July 1899.

## MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 16th September 1899 on 33 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	3,590	610 0 0	6,330 0	890 0 0	10 0 0	1,410 0 0	310	1,308	1,618
Or per mile of railway ...	100	25 0 0	189 0	18 0 0	...	43 0 0	...	...	...
For previous 10 weeks of half-year† ...	29,908	6,076 0 0	17,698 0	1,514 0 0	12 0 0	8,803 0 0	2,916	9,576	12,492
Total for 11 weeks ...	33,492	7,786 0 0	23,918 0	2,404 0 0	22 0 0	10,213 0 0	3,226	10,738	13,964
COMPARISON.									
Total for corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year ...	...	...	...	...	...	...	...	...	...

\* Includes ballast train-miles 743.  
† Audited up to 15th July 1899.

## BRAHMAPUTRA-SULTANPUR RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 16th September 1899 on 24.75 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.*
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,250	550 0 0	5,610 0	1,050 0 0	80 0 0	1,480 0 0	183	301	484
Or per mile of railway ...	51	14 0 0	227 0	43 0 0	3 0 0	60 0 0	...	...	...
For previous 10 weeks of half-year† ...	13,912	3,844 0 0	68,880 0	4,348 0 0	534 0 0	8,076 0 0	1,024	9,257	11,161
Total for 11 weeks ...	15,162	4,194 0 0	68,940 0	5,398 0 0	604 0 0	10,156 0 0	2,109	9,568	11,677
COMPARISON.									
Total for corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year ...	...	...	...	...	...	...	...	...	...

\* Includes ballast train-miles 136.  
† Audited up to 15th July 1899.

## COOCH BEHAR STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 16th September 1899 on 33.73 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Passengers carried.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,680	610 0 0	7,800 0	700 0 0	10 0 0	1,330 0 0	358	593	950†
Or per mile of railway ...	50	18 0 0	233 0	21 0 0	...	39 0 0*	...	...	...
For previous 10 weeks of half-year(a) ...	17,436	6,468 0 0	54,635 0	6,941 0 0	639 0 0	14,069 0 0	3,466	6,323	11,796
Total for 11 weeks ...	19,116	7,098 0 0	62,618 0	7,641 0 0	649 0 0	15,393 0 0	3,826	8,920	12,746
COMPARISON.									
Total for corresponding week of previous year ...	871	285 0 0	4,033 0	433 0 0	66 0 0	784 0 0	137	345	473
Per mile of railway corresponding week of previous year ...	30	13 0 0	213 0	20 0 0	...	33 0 0	...	...	...
Total to corresponding date of previous year ...	12,910	4,434 0 0	39,567 0	3,780 0 0	1,073 0 0	9,267 0 0	1,665	6,610	8,275

(a) Audited up to 15th July 1899.  
\* Excluding Coaching ferry.  
† Includes ballast train-miles 240.

## BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Approximate Return of Traffic and mileage for the week ended 9th September 1899 on 139 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	53,030	12,684 0 0	1,17,335 0	14,151 6 0	136 0 0	26,971 0 0	4,642	5,861	10,503
per mile of railway ...	254	798 0 0	843 0	102 0 0	1 0 0	201 0 0	.....	.....	.....
for previous 9 weeks of half-year ...	206,582	1,16,324 0 0	6,04,833 0	81,327 0 0	8,664 0 0	1,65,215 0 0	44,680	28,745	73,425
Total for 10 weeks ...	320,552	1,27,908 0 0	7,22,008 0	75,478 0 0	8,800 0 0	2,12,186 0 0	49,322	34,606	83,928
COMPARISON.									
Total for corresponding week of previous year ...	31,640	9,578 0 0	54,329 0	3,032 0 0	174 0 0	12,784 0 0	3,683	3,472	7,155
per mile of railway corresponding week of previous year ...	252	77 0 0	435 0	24 0 0	1 0 0	102 0 0	.....	.....	.....
Total to corresponding date of previous year ...	332,211	1,11,209 0 0	6,24,021 0	34,449 0 0	2,672 0 0	1,43,420 0 0	43,900	29,253	73,613

\* Audited up to 29th July 1899.

† Coaching traffic calculated on 130 miles only.

## BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 16th September 1899 on 1,095 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 1,095 miles open ...	135,770	(a) 45,710	0,04,410	(b) 73,830	16,300	1,35,940	36,984	(c) 25,096	62,080
per mile of railway ...	115'92	42'13	557'08	68'14	15'02	125'29	.....	.....	.....
for previous 10 weeks of half-year ...	(d) 1,337,308	5,00,688	53,31,320	6,24,792	1,47,308	12,78,683	2,64,463	2,68,718	531,181
Total for 11½ weeks ...	1,483,078	5,52,209	59,35,730	6,98,732	1,63,608	14,14,623	2,91,447	2,91,814	583,261
COMPARISON.									
Total for corresponding week of previous year on 925 miles open ...	61,558	31,843	2,10,690	27,724	9,313	36,880	22,013	(e) 14,399	36,412
per mile of railway corresponding week of previous year ...	66'17	34'42	227'78	29'97	10'07	74'46	.....	.....	.....
Total to corresponding date of previous year ...	1,328,735	4,55,211	49,69,490	6,06,013	1,45,185	12,00,309	2,46,680	2,63,583	510,263

(a) Increase due to increased mileage.

(b) The increase is due to the traffic last year being abnormally low on account of breaches in the line on the Tirhut Section.

(c) Includes 8,618 miles of ballast trains run on open line.

(d) Audited figures up to 8th July 1899.

(e) 3,794 miles of ballast trains run on open line.

## ASSAM-BENGAL RAILWAY.

Approximate Return of Traffic for the week ended 9th September 1899 on 396 miles open for all descriptions of Traffic and an additional 28 miles for goods and parcels traffic only.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	10,585	11,561 0 0	2,30,348 0	13,736 0 0	312 0 0	25,109 0 0	2,157	7,503	10,660
per mile of railway ...	46'46	29'19	583'27	31'22	0'74	61'15	7'97	17'70	25'67
for previous 9 weeks of half-year ...	192,011	1,08,622 0 0	23,21,840 0	1,11,237 0 0	6,502 0 0	2,36,581 0 0	31,092	67,235	98,227
Total for 10 weeks ...	211,696	1,20,383 0 0	25,52,187 0	1,24,463 0 0	6,814 0 0	2,61,680 0 0	35,140	74,738	109,877
COMPARISON.									
Total for corresponding week of previous year ...	16,501	9,141 0 0	2,41,410 0	11,678 0 0	1,363 0 0	21,077 0 0	2,309	5,141	7,540
per mile of railway corresponding week of previous year ...	58'10	28'67	623'92	30'50	4'65	73'63	6'45	17'55	26'00
Total to corresponding date of previous year ...	187,448	99,220 0 0	25,73,438 0	1,16,200 0 0	7,109 0 0	2,22,538 0 0	28,650	60,664	79,314

\* Includes audited figures for week ended 29th July 1899.



## FINANCIAL YEAR.

*Approximate Statement of Gross Receipts of the Assam-Bengal Railway.*

RECEIPTS FOR WEEK ENDING 9TH SEPTEMBER 1899.			RECEIPTS FOR WEEK ENDING 10TH SEPTEMBER 1898.			TOTAL RECEIPTS FROM 1ST APRIL 1899 TO 10TH SEPTEMBER 1899.			TOTAL RECEIPTS FROM 1ST APRIL 1898 TO 10TH SEPTEMBER 1898.			Total increase in 1899.	Total decrease in 1898.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
490	Rs. 25,100	Rs. 61.15	293	Rs. 21,077	Rs. 72.82	424	Rs. 5,33,800	.....	298	Rs. 5,61,444	.....	Rs. 72,145	

## DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for the week ending 16th September 1899	...	...	Rs.	A.	P.
Ditto for the corresponding period of 1898	...	...	15,976	0	0
Increase	...	...	14,849	0	0
Receipts per mile for the week ending 16th September 1899	...	...	1,127	0	0
Ditto for the corresponding period of 1898	...	...	313	4	1
Increase	...	...	291	2	6
Receipts from 1st July to 16th September 1899	...	...	22	1	7
Ditto for the corresponding period of 1898	...	...	1,39,249	0	0
Decrease	...	...	1,45,856	0	0
	...	...	6,607	0	0



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, OCTOBER 4, 1899.

## OFFICIAL PAPERS

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.]

### CONTENTS.

	Page.		Page.
FINAL Report on the Jute crop for season 1899	1693	WEATHER and Crop Report for the week ending 2nd October 1899	1735
Resolution on the budget estimates of the Port Commissioners of Chittagong for 1899-1900	1700	Results of the Meteorological Observations taken at the Alipore Observatory from 24th to 30th September 1899	1736
Resolution on the working of the Lodging-house Act in Bengal during 1898-99	1703	Statement showing heights over mean sea-level and low water in the Rivers Ganges, Bhagirathi, Jalangi and Brahmaputra for the month of August 1899	1740
Resolution on the Report on the Administration of the Stamp Department during the three years ending the 31st March 1899	1707	Circular and Eastern Canals for the week ending Saturday, the 30th September 1899	1741
First Report on the Bhadol crops in Bengal, 1899	1711	Eastern Bengal State Railway for the month of July 1899	1742
District Road Fund	1729	Weekly return of Traffic Receipts on Indian Railways	1744
Resolution on the "Administration" Report of the Stationary Department for 1898-99	1732		

### FINAL REPORT ON THE JUTE CROP FOR SEASON 1899.

The following is published for general information.

F. A. SLACK,

The 2nd October 1899. Offg. Secy. to the Govt. of Bengal.

### DEPARTMENT OF LAND RECORDS AND AGRICULTURE, BENGAL.

#### Final Report on the Jute Crop for season 1899.

*Explanatory.*—The first forecast of the jute crop for the season 1899, which was published on the 27th of June last, gave a general review of the condition of the crop up to the middle of that month. The present report contains approximate estimates of the area and outturn of the crop up to the middle of September. Returns are received by this Department from 26 districts, in which almost the whole of the jute crop of Bengal is grown.

2. *Character of the season.*—Up to the middle of June, the season, as stated in the first forecast, was not on the whole unfavourable. The rainfall in January was generally above the normal. In February, it exceeded the normal in East Bengal, in Jessore and in Midnapore, and fell short of the normal in all the other districts. In March, it was generally below the normal. In April, it was above the normal and well distributed. In May, it was heavy in many important districts, but the excess then did not prove prejudicial. In June, there was an excess in all districts except Khulna, Rangpur, Mymensingh, Backergunge and Cuttack. In July, the rainfall was abnormally heavy and continuous in almost all districts, Jalpaiguri, Darjeeling and Cuttack only recording falls a little below the normal. In August, the rainfall was in excess of the normal in most of the

important eastern and northern districts of Bengal. In September, the rainfall has not been excessive and has been fairly equally distributed.

3. *Area cultivated.*—In the preliminary forecast, it was shewn that there had been a considerable increase in the area sown with jute over that sown last year, owing to a rise in the price of jute coincident with a fall in the price of rice. Since the date of the issue of that forecast, further special enquiries have been made in order to verify the figures of area then given, with the result that it is now reported that an area of 1,971,300 acres has been sown this year as compared with an area of 1,624,400 acres sown in 1898, and a normal area of 2,189,400 acres. There has thus been an increase of over 21 per cent. since last year.

4. *Character of the crop.*—Up to the date of the issue of the preliminary forecast, the prospects of the crop were good, and it was estimated that an outturn only slightly below the normal would be obtained from the area sown. Since then, the weather has been extremely unfavourable and the estimates of outturn sent in from most of the principal jute-growing districts shew a reduction on those previously submitted. In fact, the two northern districts, Jalpaiguri and Rangpur, are almost the only exceptions to this, and the average estimate of the outturn compiled from the returns of the eleven most important districts has fallen from 93 per cent. to 74 per cent. It is possible, that the outturn is now somewhat underestimated, and it is noticeable that, in response to the recent rise in price, a very large amount of jute has been brought into the market already. It is probable, however, that the crop is being brought in more rapidly than usual, and that the returns shewing imports of jute into Calcutta will shortly fall off. Taking all factors into consideration, it may be roughly estimated that 80 per cent. of a normal crop will be obtained from the area sown this year.

5. *Gross outturn.*—It is estimated, that in a normal year, the outturn of jute amounts to 3 bales per acre or 66 lakhs of bales for the Province; and in the preliminary forecast, it was anticipated that the gross outturn in the current year would amount to 58 lakhs of bales, or 87 per cent. of a normal crop. This would have represented, in the usual phraseology employed, a 14-anna crop. In view of the unfavourable reports since received from the districts, this estimate must now be considerably reduced, and it seems improbable that the gross outturn will exceed 50 lakhs of bales or 75 per cent. of the normal outturn. This represents what is more familiarly known as a 12-anna crop.

In spite of the care with which information has been collected by the District Officers, this estimate cannot be better than a rough one, and the returns received from all the districts are appended in order that those who are interested in the jute trade may examine them for themselves.

N. N. BANERJEE,

*Assistant Director of the Department of  
Land Records and Agriculture, Bengal.*

(Countersigned.)

P. C. LYON,

*Director of the Department of Land  
Records & Agriculture, Bengal.*

CALCUTTA,

The 30th September 1899.

Final Report on the Jute Crop of Bengal, 1899.

District.	ACREAGE—										OUTTURN IN BALES OF 400 LBS.				Percentage by which column 9 exceeds (+) or falls short of (—) outturn in—		Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
	Of current year's crop (1899).		Of previous year's crop (1898).		Average of five preceding years (viz., 1893 to 1897).		Percentage by which column 2 exceeds (+) or falls short of (—) area in—		Taking 100 to represent the normal outturn per acre, how much will represent this year's outturn (1899)?		Taking 100 to represent the normal outturn per acre, how much represented outturn last year (1898)?		Estimated yield of current year, viz., of area in column 2, viz., of area in column 3, viz., of area in column 4.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
Bardwan	11,800	11,000	11,000	10,900	.....	+0.72	76	100	25,100	35,000	35,900	-53.94	-3.09			Owing to constant and heavy rain, the outturn of jute both in the Sadar and Kalna subdivisions is expected to be below the normal. The outturn in Katwa is also below the normal owing to scarcity of rain at the time of sowing. The figure in column 3 has been altered from 12,300, as shown in the preliminary forecast, to 11,300 in this return, the reason being that subsequent inundation damaged the crop in parts of the Contai subdivision, and the land was afterwards sown with paddy seedlings. Excessive rainfall accounts for the falling off in the outturn of the current year as compared with that of the previous year. The small outturn estimated is due to excessive rain soon after germination. The decrease in the outturn is due to heavy rainfall. The increase in the area this year is due to the low price of rice and the high price of jute.		
Midnapore	11,800	11,800	11,800	11,100	-4.24	+1.30	73	79	24,700	38,000	35,700	-11.79	+6.73					
Hoochly	13,100	13,900	12,900	12,000	-5.76	+9.17	62	100	24,400	41,700	38,800	-41.40	-15.73					
24-Parganas	35,600	30,000	30,000	37,700	+13.00	-10.86	73	100	79,600	90,000	88,700	-12.66	-11.39					



District.	ACREAGE—											Remarks by District Officers.	Remarks by the Department of Land Record and Agriculture, Bengal.	
	Of current year's crop (1899).	Of previous year's crop (1898).	Average of five preceding years (viz., 1893 to 1897).	Percentage by which column 2 exceeds (+) or falls short of (—) area in—		Taking 100 to represent the normal outturn per acre, how much will represent this year's outturn (1899)?	Taking 100 to represent the normal outturn per acre, how much represented out-turn last year (1898)?	OUTTURN IN BALES OF 400 LBS.						
				Column 2.	Column 4.			Estimated yield of current year, i.e., of area in column 1.	Yield of previous year, i.e., of area in column 2.	Average of five preceding years (viz., 1893 to 1897).				
											Column 10.			Column 11.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Nadia ...	34,100	26,000	43,000	+26.26	-21.79	63	61	63,400	64,000	104,800	-1.88	-39.50	Untimely and excessive rains are the reasons for the decrease in the area sown as well as in the outturn now shown as compared with that given in the preliminary forecast.	The area in column 2 has been revised by the Collector.
Murshidabad ...	19,600	18,000	21,000	+18.07	-9.26	86	83	61,700	41,300	45,100	+25.18	+14.93	The increase in the area sown this year is due to the low prices of food-grains.	
Jessore ...	27,200	18,100	33,400	+50.26	-18.56	80	71	73,400	28,000	78,900	+90.16	-6.97	.....	
Khulna ...	15,100	14,500	20,000	+4.14	-27.40	81	70	36,700	30,500	52,800	+20.33	-30.48	In the Sathira subdivision, the outturn is average, but in the Bagirhat and Sadar subdivisions the outturn was low, owing to unfavourable rainfall which damaged the crop to a certain extent.	

Belshahi	108,700	100,200	108,100	+ 8'48	+ 0'66	55	76	189,100	234,500	237,200	-19'36	-36'37	Heavy rains in the first stage prevented proper weeding and this affected the vigorous growth of the plants. In the second stage, continuous heavy rain kept the jute up to a certain height under water, causing off-shoots to spring out. The fibre has been weakened and the outturn reduced; but the colour of the jute will be very good, as it is being steeped and washed in plenty of water.
Dinsagar	75,000	75,000	99,500	.....	-24'02	90	100	203,500	225,000	233,400	-10'00	-24'65	
Jalpaiguri	94,900	98,900	99,700	+ 1'37	-2'26	79	66	151,600	114,800	106,100	+23'05	-6'73	
Darjeeling (Plains).	1,000	1,000	2,500	.....	-36'00	67	67	3,300	3,500	6,100	.....	-47'54	
Rangpur	277,000	102,000	271,000	+ 32'20	+ 1'88	94	83	791,100	447,700	638,100	+ 74'37	+ 11'89	The Collector has revised the area in column 3 since the submission of his preliminary forecast and has largely increased it.
Bogra	78,600	40,000	98,000	+ 67'50	-21'05	78	73	175,500	87,650	253,500	+ 100'24	-24'32	

The Collector has revised the area in column 3 since the submission of his preliminary forecast and has largely increased it.

Owing to the high price of jute last year, the cultivators have sown more lands with this crop this year. The rainfall has been favourable on the whole, and the outturn will probably be higher this year than it was last year.

The rise in the price of jute and the fall in that of rice has caused cultivators to sow a larger area with jute this year. Incessant rain since the submission of the preliminary forecast injuriously affected the crop. Hence the reduction of the estimated outturn.

District.	ACREAGE—										OUTTURN IN BALS OF 400 LBS.				Percentage by which column 9 exceeds (+) or falls short of (-) outturn in— Column 10.	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
	Of current year's crop (1899).	Of previous year's crop (1898).	Average of five preceding years (viz., 1893 to 1897).	Column 3.	Column 4.	Taking 100 to represent the normal outturn per acre, how much will represent this year's outturn (1899)?	Taking 100 to represent the normal outturn per acre, how much represented out-turn last year (1898)?	Estimated yield of current year, i.e., of area in column 2.	Yield of previous year, i.e., of area in column 3.	Average of five preceding years (viz., 1893 to 1897).	Column 11.						
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.			
Palm a ...	125,000	103,800	144,500	+16.50	-15.06	75	80	273,900	249,100	446,500	+11.12	-35.01	Continuance rainfall since the submission of the first forecast has brought into existence an insect locally called <i>changa</i> which has done much damage to this crop. The estimated outturn, which was reported in the first forecast as 100, is therefore now reduced to 75.	The Collector will be asked to furnish a separate report as to the damage done by insect pests.			
Dacca ...	150,000	132,400	193,500	+13.29	-22.48	65	96	292,500	377,300	494,400	-22.48	-39.62	Insect pests caused great damage to the crop. Much damage was also caused by excessive flood water. Hence the outturn estimated is less than that shown in the preliminary forecast.	The extent of damage done by insects and floods will be the subject of further enquiry.			
Mymensingh ...	508,000	497,500	550,500	+2.11	-7.72	70	90	1,064,900	1,343,300	1,422,800	-20.58	-25.02	The late crop has suffered much for want of sunshine; the outturn is therefore expected to be less than that shown in the preliminary forecast.				
Faridpur ...	90,000	70,000	68,600	+23.67	+43.77	50	60	115,000	126,000	213,900	+7.14	-30.89	The decrease in the outturn is due to incessant rain during the growing season and the damage done to the crops by insects.	A further report on the damage done by insects will be asked for from the Collector.			

	10,000	7,000	10,000	+ 33'33	...	100	100	30,000	22,500	24,000	+ 33'33	+ 27'13	
Backergunge	...	...	...	...	...	...	...	...	...	...	...	...	Timely rainfall has kept up the estimate made in the preliminary forecast.
Fippara	251,000	118,800	231,100	+ 27'47	+ 1'31	72	83	505,700	369,000	693,300	+ 67'28	- 23'15	The increase in the area sown this year is due to the low prices of food-grains, while the decrease in the out-turn is ascribed to excessive rainfall since the sowing of the jute crop.
Noakhali	2,000	3,500	4,000	- 43'98	- 56'32	80	62	3,000	3,600	2,800	- 36'12	- 59'39	The decrease in the outturn is due to excessive rainfall.
Bhagulpur	21,500	23,400	21,800	- 4'02	- 1'38	88	100	23,600	27,200	33,000	- 50'15	- 46'83	Continued rainfall in June and July has caused much injury.
Purana	39,000	35,000	71,300	+ 11'43	- 46'33	78	94	91,300	98,700	205,400	- 7'50	- 55'35	The heavy rains have greatly injured the crop, and hence the decrease in the outturn.
Maldas	18,000	20,000	32,000	- 10'00	- 44'02	75	86	40,500	52,900	70,400	- 23'30	- 42'47	Some damage was done to the late crop by high floods in August, and incessant rains in July and August : hence the outturn will be little less than what had been anticipated in the preliminary forecast.
Outtack	5,500	5,500	4,800	- 1'79	+ 14'59	105	110	17,300	18,500	11,100	- 6'89	+ 35'86	The outturn is above the normal. The condition of the crop is good and calls for no special remarks.
Palasore	2,500	2,000	2,000	- 7'14	...	85	97	7,400	8,100	6,100	- 8'61	+ 21'31	
Total	1,971,800	1,924,400	2,164,800	+ 21'36	- 8'94	74	86	4,581,800	4,115,500	5,733,400	+ 6'47	- 23'57	



**RESOLUTION ON THE BUDGET ESTIMATES OF THE PORT  
COMMISSIONERS OF CHITTAGONG FOR 1899-1900.**

No. 1940 Marine.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

*Dated Calcutta, the 29th September 1899.*

**RESOLUTION.**

READ—

Letter No. 658P., dated the 17th October 1898, from the Chairman of the Commissioners of the Port of Chittagong, submitting through the Accountant-General, Bengal, the revised budget estimate of the Commissioners for the year 1898-99, and the estimates for the year 1899-1900.

Letter No. 395P., dated the 27th June 1899, from the Chairman of the Commissioners of the Port of Chittagong, submitting a further revised budget estimate for the year 1898-99, and the estimates for the year 1899-1900 based on the latest figures known.

The principal differences between the figures in the estimate for the year 1898-99, sanctioned in Resolution No. 892 Marine, dated the 22nd April 1898, and those given in the estimate last submitted, are shown below:—

**RECEIPTS.**

			Budget Estimate.	Revised Estimate (actuals).
			Rs.	Rs.
Port dues	...	...	31,879	29,846
Fees and fines—				
Mooring fees	...	...	12,177	8,797
Sundry receipts	...	...	28,351	22,587

**EXPENDITURE.**

Interest on and repayment of loans		35,110	2,556
Vessels and boats	...	22,833	24,008
Light-houses	...	4,711	7,228

2. As the year 1898-99 has come to a close, the revised estimates have been based on the actuals of that year.

3. A grant of Rs. 12,000 was made by this Government in 1898-99 on account of the cost of a new light for the Kutubdia Light-house. This amount should therefore have been shown under the head "Sanctioned estimate." The necessary entry has been made.

4. Subject to the above remarks, the Lieutenant-Governor sanctions the revised estimates.

5. The budget estimate for 1899-1900 is based mainly on the actuals of 1898-99.

6. The yearly amount to be paid to the Government on account of the loan (with interest) for the S.T. *Gekko* amounts to Rs. 16,294-14-6. The Port Commissioners were unable to make this payment during the last two years, viz., 1897-98 and 1898-99, and provision must be made in the current year's budget for payment of at least half the amount due. A provision of Rs. 24,443, that is, for one and-a-half year's instalment, has accordingly been made.

7. A provision of Rs. 3,600 was made by the Commissioners on account of the pay of the Commander of the S.T. *Gekko*. As Mr. Howard, Assistant Port Officer, has been placed in charge of the vessel on Rs. 100 a month, this provision has been reduced to Rs. 1,200.

8. A provision of Rs. 4,537 was made under the head "Miscellaneous." This did not include the estimate for Rs. 3,684-8, which the Commissioners have submitted for an additional hose to make the fire-extinguishing appliances of

the S.T. Gekko efficient. The provision has accordingly been increased to Rs. 8,222.

9. The Lieutenant-Governor sanctions the estimate of receipts and expenditure for the year 1899-1900 under section 69 of Act IV (B.C.), 1887.

10. An abstract of the revised estimate for 1898-99 and of the estimate for 1899-1900 is subjoined:—

## RECEIPTS.

ITEM.	1897-98.	1898-99.		1899-1900.
	Actuals.	Sanctioned estimate.	Revised estimate. (Actuals.)	Budget estimate.
1	2	3	4	5
	Rs.	Rs.	Rs.	Rs.
Port dues ... ..	31,879	31,879	29,846	29,846
Fees and fines—				
Water ... ..	2,450	2,450	2,215	2,215
Mooring fees ... ..	12,177	12,177	8,797	8,797
Licenses ... ..	729	729	711	1,064
Other fees and fines ... ..	...	...	...	...
Sundry receipts ... ..	28,351	28,351	22,587	28,587
Contribution from Pilotage Fund ... ..	1,200	1,200	1,200	1,200
Grant from Government on account of the cost of a light for the Kutubdia Light-house ... ..	...	12,000	12,000	...
Total ... ..	76,786	88,786	77,356	71,709
Opening balance ... ..	8,709	...	13,511	31,709
GRAND TOTAL ... ..	85,495	88,786	90,867	1,03,418

## EXPENDITURE.

Refund of port dues, &c. ... ..	2,115	100	150	150
Interest on and repayment of loans ... ..	2,520	35,110	2,556	26,963
Administration ... ..	9,378	7,348	7,306	7,808
Law and Justice ... ..	42	42	...	...
Police ... ..	1,476	1,324	1,285	1,285
Marine—				
Port Office establishment ... ..	3,668	3,040	2,901	2,937
Vessels and boats ... ..	22,685	22,833	24,008	20,739
Semaphore establishment ... ..	312	312	312	312
Harbour Master's boat establishment ... ..	481	492	491	492
Light-houses ... ..	4,690	4,711	7,228	30,951
Miscellaneous establishment ... ..	2,843	2,004	2,012	2,038
Miscellaneous ... ..	21,116	10,962	10,081	5,599
Harbour Master's pay ... ..	491	491	479	479
Public works ... ..	167	167	349	349
Expenditure on account of a new light for the Kutubdia Light-house. ... ..	...	12,000	...	...
Total ... ..	71,984	100,936	59,158	1,00,102
Closing balance ... ..	13,511	...	31,709	3,316
GRAND TOTAL ... ..	85,495	100,936	90,867	1,03,418

11. The financial position of the Trust is at present very unsatisfactory. To prevent a deficit, the Government has, as already stated, remitted the payment of the usual instalment on account of the loan for the S.T. Gekko

during the past two years, but this state of things can hardly be allowed to continue. The Commissioners have been asked to take steps with a view to reducing expenditure as far as possible; and to obtain statements of the receipts and charges of the Ports of Akyab, Moulmein and the minor ports of Madras, and, after carefully examining them, to submit any proposals they may consider desirable for the imposition of additional fees.

By order of the Lieutenant-Governor of Bengal,

R. B. BUCKLEY,

*Secretary to the Govt. of Bengal.*

RESOLUTION ON THE WORKING OF THE LODGING-HOUSE ACT  
IN BENGAL DURING 1898-99.

MUNICIPAL DEPARTMENT.—MUNICIPAL.

Calcutta, the 3rd October 1899.

RESOLUTION—No. 4926M.

READ—

The reports from the Commissioners of Divisions on the working of the Puri Lodging-house Act, IV (B.C.) of 1871, as amended by Acts II (B.C.) of 1879 and I (B.C.) of 1884, during the year 1898-99, in the various places to which it has been extended.

Read also—

The Resolution reviewing the Commissioners' reports on the working of the Act during the year 1897-98.

*Extension of the Act.*—The Puri Lodging-house Act, IV (B.C.) of 1871, as

- In the Burdwan Division.*
1. Garhbeta.
  2. Ulubaria.
  3. Gowankhadi.
  4. Dantun.
  5. Midnapore.
- In the Presidency Division.*
6. Nadia.
- In the Chittagong Division.*
7. Sitakund.
- In the Patna Division.*
8. Gaya.

- In the Bhagalpur Division.*
9. Deoghur.
- In the Orissa Division.*
10. Chatties on the Jagannath Road, in the district of Balasore.
  11. Chatties on the Jagannath Road, in the district of Cuttack.
  12. Chandbali.
  13. Jajpur.
  14. Barang chatti on the Ganjam Road, in the district of Cuttack.
  15. Puri town and the chatties on the Jagannath Road, in the district of Puri.

amended by Acts II (B.C.) of 1879 and I (B.C.) of 1884, was in force in the towns and areas named in the margin during the year. It was extended to the railway stations at Jatni, Kolapara, Chattipur, and Balugaon, but too late to come into operation before the end of the year.

2. *Licensed lodging-houses.*—The number of licensed lodging houses increased from 1,409 in 1897-98 to 1,678. The increase is most marked in Puri town; the chatties on the Jagannath Road, where there are two popular shrines; and at Gaya. It is explained that, while the opening of the East Coast Railway is likely to reduce the number of lodging-houses along the Jagannath Road, it will tend to increase the number of such houses at certain points along the railway route, where pilgrims usually halt; the total number thus remaining about the same. At Gaya the increase is ascribed to the good harvest and to the abatement of the dread of inspection on account of plague. The year moreover was more auspicious for pilgrimage than the preceding one.

The total number of lodgers accommodated during the year rose from 36,897 in the previous year to 54,210. The increase was shared by all the places where the Act is in force, except Nadia and Chandbali, and was most marked in Sitakund, where the number rose from 2,747 to 12,551.

3. *Income.*—The total income of the year was Rs. 38,471 against Rs. 32,798, the opening balance being Rs. 23,798 and the closing balance Rs. 25,023. There was a general increase under all the heads of income, except "Miscellaneous," and was shared by almost all the districts. The most noticeable increase of income took place in Sitakund, Gaya, and Puri town. The increase at Sitakund is reported to be due to the increase in the number of lodgers, and at Gaya to the issue of a larger number of licenses. The Orissa Division shows the largest decrease under "Miscellaneous," and this has not been explained. The explanation called for from the Magistrates concerned should be submitted to Government.

4. *Expenditure.*—The total expenditure was Rs. 37,247 against Rs. 36,772 in 1897-98. There has been an increase of expenditure under all the heads, except "Miscellaneous," where it has declined from Rs. 3,993 to Rs. 1,290. At

Gaya the total expenditure rose from Rs. 9,248 to Rs. 10,580. The largest increase occurred under the head "Dispensaries and other medical expenditure" and "Contribution to other funds." In Sitakund, Gaya, and Cuttack the closing balances are considerable, and the Lieutenant-Governor has little doubt that more money might have been usefully spent on sanitary improvements.

5. *Prosecutions.*—The number of persons prosecuted for receiving pilgrims without a license, for taking in more than the licensed number, and for other offences against the Act and the bye-laws, was 231 against 262 in 1897-98; and the number convicted was 211 against 238. The amount of fines realised increased from Rs. 1,323 to Rs. 1,818. As is pointed out by the Commissioner of Orissa, the number of prosecutions is extremely low, compared to the number of offences under the Act which must be presumed to have been committed.

6. *Public health.*—The health of the places where the Act was in force is reported to have been generally good during the year, and it is satisfactory to note that no serious epidemic occurred. In Nadia there was only one case of cholera, which ended fatally, against seven cases, with six deaths, during the previous year. In Gaya there were 47 deaths from cholera against 73 in the previous year, and altogether there were 136 deaths among pilgrims from all causes, against 101 in 1897-98. In Deoghur there were 15 deaths from cholera. In all the places in the Orissa Division there were 16 deaths from cholera against 148 in the preceding year. The following statement shows the statistics of disease and mortality among the pilgrims during the year:—

DISEASE.	NUMBER OF PERSONS ADMITTED INTO HOSPITAL, INCLUDING THOSE REMAINING FROM THE PREVIOUS YEAR.				Number of deaths in the lodging-houses.	Total number of deaths, columns 3 and 6.
	Cured.	Died.	Remaining on 31st March.	Total.		
1	2	3	4	5	6	7
Cholera ...	41	92	2	135	9	101
Small-pox ...	...	19	5	409	89	108
Fever ...	385	61	6	263	8	69
Diarrhoea ...	196	89	6	340	17	106
Dysentery ...	245	60	20	618	25	85
Other diseases ...	538					
Total ...	1,405	321	39	1,765	148	469

7. *Water-supply.*—The Lieutenant-Governor regrets to notice that no steps were taken during the year to sink another well at Garhbeta, which was reported in 1897-89 to be urgently required in the interior of the town for the supply of good drinking-water. The masonry well, which was under construction in Dantun in 1897-98, was completed during the year. In Ulubaria funds are being raised to provide another tank. In Nadia the Municipality spent a sum of Rs. 1,386 on the re-excavation of a tank. At Sitakund people receive their supply of drinking-water through an iron pipe from the Mandaguni spring. Several tanks were cleared and reserved for drinking and culinary purposes. In all the places in the Orissa Division the tanks and wells were cleared and properly disinfected. In Puri three new wells were sunk on the side of the Jagannath Road. Four new masonry wells were sunk in the wards of the Municipality, where there were none before.

On the whole, the Act appears to have been worked satisfactorily during the year in most of the places in which it was in force; and the local officers generally have taken an interest in its administration. The Lieutenant-Governor regrets to see it reported that in Puri a want of co-operation existed



between the Municipal Commissioners and the Committee appointed under the Act, and His Honour trusts that the inert and obstructive spirit in matters of sanitation, which the former have hitherto displayed, may shortly be replaced by willingness on their part to help the Committee, as they should, with money to carry out the various sanitary improvements required for the town.

ORDER.—Ordered that a copy of this Resolution be submitted to the Government of India, in the Home Department, and that copies of it be forwarded to the Commissioners of the Burdwan, Presidency, Chittagong, Patna, Bhagalpur, and Orissa Divisions for information.

Ordered also that a copy of the Resolution be communicated to the Sanitary Commissioner and to the Sanitary Board, and that it be published in the *Calcutta Gazette* for general information.

By order of the Lieutenant-Governor of Bengal,

E. N. BAKER,

*Offg. Secy. to the Govt. of Bengal.*

Statement showing the working of the Lodging-house Act during the year 1898-99.

PROSECUTIONS.										INCOME.									
Serial number.	NAME OF PLACE WHERE THE ACT IS IN FORCE.	Number of lodgers for whom accommodation provided.	Number of cases disposed of.	Number of persons accused.	Number of persons convicted.	Number of persons acquitted.	Amount of fines.		Opening balance.	Fees for licensing, and for registering lodging-houses.	Fees for issue of Health Officer's certificate.	Other fees (if any).	Fines.	Contribution from other funds.	Miscellaneous.	Total (excluding opening balance).	Total (including opening balance).		
							Imposed.	Realised.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Garibetha	173	27	27	24	3	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
2	Dantun	635	41	27	24	3	8 0 0	535 11 8	39 8 0	39 8 0	14 0 0	...	40 0 0	...	246 0 0	357 8 0	883 3 8		
3	Gowankhali	604	41	2	2	3	40 0 0	590 8 0	313 0 0	313 0 0	46 0 0	...	2 0 0	...	350 0 0	690 0 0	1,270 8 0		
4	Midnapore	34	38	38	32	6	2 0 0	555 10 11	457 0 0	457 0 0	41 0 0	...	58 2 0	...	515 0 0	688 3 0	1,900 10 11		
5	Udubaria	387	30	20	19	1	56 2 0	76 2 0	323 0 0	323 0 0	34 0 0	...	35 0 0	...	440 0 0	608 2 0	1,000 0 0		
6	Nadia	3,254	11	11	11	...	10 8 0	121 0 0	3,119 12 0	3,119 12 0	100 0 0	...	10 8 0	...	1 4 2	1,071 12 2	2,087 9 4		
7	Shakund	13,531	29	25	21	4	701 0 0	1,915 13 2	3,759 6 7	3,759 6 7	103 0 0	...	701 0 0	...	25 0 0	3,138 12 0	6,895 2 7		
8	Gaya	13,545	36	19	13	2	300 4 0	5,967 8 6	13,645 0 0	13,645 0 0	80 0 0	...	90 0 0	...	2 0 0	14,351 0 0	20,318 0 0		
9	Deoghar	1,440	19	8	8	...	204 4 0	5,456 1 10	1,082 4 0	1,082 4 0	73 0 0	...	135 12 9	...	1,452 8 0	2,130 0 8	2,130 0 8		
10	Chatties on the Jagannath road in Cuttack.	1,343	242	1	1	...	13 0 0	451 14 2	490 0 0	490 0 0	45 0 0	...	13 0 0	...	1 6 0	490 6 0	7,404 13 11		
11	Chandibally	1,720	41	3	3	1	13 0 0	451 14 2	719 6 0	719 6 0	145 0 0	...	39 4 0	...	1,064 11 5	2,607 5 5	3,922 4 0		
12	Chatties on the Jagannath road in Balasore.	2,919	144	13	13	...	39 4 0	1,354 14 7	8,422 13 0	8,422 13 0	327 0 0	236 5 10	315 8 0	...	1,608 10 1	10,400 3 11	13,266 5 8		
13	Puri town and the chatties on the Jagannath Road in Puri.	10,151	327	54	51	3	315 8 0	1,868 1 9	464 0 0	464 0 0	53 0 0	...	85 0 0	...	1,608 10 1	10,400 3 11	13,266 5 8		
14	Jajpur	928	53	9	9	...	85 0 0	534 9 10	1,225 0 0	1,225 0 0	1,027 0 0	...	1,323 2 0	...	7,555 15 1	32,798 1 10	60,574 7 3		
	Total	54,210	1,678	331	293	20	1,870 14 0	83,798 5 0	30,738 10 0	30,738 10 0	1,825 0 0	296 5 10	1,518 6 9	...	4,448 14 0	38,471 4 7	62,349 9 7		
	Total for 1897-98	56,997	1,400	282	233	24	1,546 4 0	27,076 5 7	22,494 12 0	22,494 12 0	1,027 0 0	187 4 7	1,323 2 0	...	7,555 15 1	32,798 1 10	60,574 7 3		

Serial number.	NAME OF PLACE WHERE THE ACT IS IN FORCE.	EXPENDITURE.										Contribution to other funds.	Miscellaneous.	Closing balance.	Grand Total.	REMARKS.					
		Head office expenditure.					Establishment for collection and supervision.														
		Health Officer's pay and allowance.	Establishment.	Contingencies.	Dispensaries and other medical expenditure.	Conservancy.	Construction.	Repairs.	Miscellaneous.	Closing balance.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
1	Garibetha	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
2	Dantun	13 0 0	100 6 6	...	100 6 6	108 0 0	108 0 0	65 1 0	...	...	...	...	...	...	...	...	...	...	...		
3	Gowankhali	40 0 0	220 11 0	...	220 11 0	98 0 0	98 0 0	115 5 9	...	...	...	...	...	...	...	...	...	...	...		
4	Midnapore	34 0 0	...	3 0 0	...	35 0 0	35 0 0	...	...	...	...	...	...	...	...	...	...	...	...		
5	Udubaria	34 0 0	...	...	...	55 0 0	55 0 0	...	...	...	...	...	...	...	...	...	...	...	...		
6	Nadia	153 1 10	...	...	...	1,129 10 0	1,129 10 0	...	...	...	...	...	...	...	...	...	...	...	...		
7	Shakund	75 0 0	...	...	...	1,201 8 0	1,201 8 0	...	...	...	...	...	...	...	...	...	...	...	...		
8	Deoghar	1,239 6 0	...	...	...	3,017 0 0	3,017 0 0	...	...	...	...	...	...	...	...	...	...	...	...		
9	Gaya	240 0 0	...	...	...	423 10 7	423 10 7	...	...	...	...	...	...	...	...	...	...	...	...		
10	Chatties on the Jagannath Road in Cuttack.	479 0 0	...	...	...	370 3 2	370 3 2	...	...	...	...	...	...	...	...	...	...	...	...		
11	Chandibally	...	...	...	...	688 3 1	688 3 1	...	...	...	...	...	...	...	...	...	...	...	...		
12	Chatties on the Jagannath Road in Balasore.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
13	Puri town and the chatties on the Jagannath Road in Puri.	3,230 11 6	...	...	...	324 2 5	324 2 5	...	...	...	...	...	...	...	...	...	...	...	...		
14	Jajpur	80 0 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
	Total	6,253 13 4	1,811 12 6	514 13 5	5,253 2 4	7,054 5 3	7,054 5 3	1,430 11 5	1,259 9 6	26,023 2 0	26,023 2 0	8,105 4 3	663 13 0	54 7 6	62,349 9 7	60,574 7 3	60,574 7 3	60,574 7 3	60,574 7 3		
	Total for 1897-98	6,253 13 4	1,811 12 6	514 13 5	5,253 2 4	7,054 5 3	7,054 5 3	1,430 11 5	1,259 9 6	26,023 2 0	26,023 2 0	8,105 4 3	663 13 0	54 7 6	62,349 9 7	60,574 7 3	60,574 7 3	60,574 7 3	60,574 7 3		

RESOLUTION ON THE REPORT OF THE ADMINISTRATION OF  
THE STAMP DEPARTMENT DURING THE THREE YEARS  
ENDING THE 31ST MARCH 1899.

FINANCIAL DEPARTMENT.—SEPARATE REVENUE.

Calcutta, the 3rd October 1899.

RESOLUTION—No. 57148.R.

READ—

The Report of the Board of Revenue on the Administration of the Stamp Department during the three years ending 31st March 1899.

THE Acts under which the stamp revenue was collected during the triennial period under review were the Indian Stamp Act, I of 1879, and the Court Fees Act, VII of 1870, as modified by subsequent enactments. The former Act was further amended by the enactment of Act XIII of 1897, in which provision was made for composition of duty payable in respect of bonds, debentures and other certificates issued under the Local Authorities Loans Act, 1879, or any other law for the time being in force. Provision was at the same time made for leaving such bonds, debentures or other certificates unstamped. After the close of the year 1898-99, the new Indian Stamp Act, II of 1899, which revised and consolidated the Act of 1879, and received the assent of the Governor-General in Council in January 1899, came into force. The Court Fees Act of 1870 was also further amended by Act XI of 1899, with the object, first, of providing a check on the undervaluation of estates by persons applying for probate of a will or for letters of administration, and secondly, of giving the revenue authorities greater facilities for the realisation of the full amount of the duty payable on probates and letters of administration. This Act came into force with effect from the 10th March 1899, and it is yet too early to offer any remarks on its working. The changes made during the past three years in the rules issued by Government, though numerous and important from a departmental point of view, are not of sufficient general interest to call for special notice in this place. The administration of the Stamp Department in the Sonthal Parganas, which, since the passing of Act XXXVII of 1855, had been under the Commissioner, came under the Board of Revenue with effect from the 1st April 1898.

2. The financial results of the administration of the Stamp Department during the past three years, with the average for the previous triennium, are shown in the following

Stamp revenue.  
statement:—

YEAR.	STAMPS UNDER ACT I OF 1879.			COURT-FEES UNDER ACT VII OF 1870.			TOTAL.		
	Receipts.	Refunds and other charges.	Net revenue.	Receipts.	Refunds and other charges.	Net revenue.	Receipts.	Charges.	Net revenue.
1	2	3	4	5	6	7	8	9	10
Average of three years, 1895-96 to 1897-98.	Rs. 48,41,098	Rs. 1,83,052	Rs. 46,58,046	Rs. 1,19,41,874	Rs. 2,86,970	Rs. 1,16,54,905	Rs. 1,64,82,973	Rs. 4,70,032	Rs. 1,60,12,941
1896-97	50,87,905	1,92,078	48,95,827	1,24,90,301	3,03,404	1,21,86,897	1,78,74,396	4,86,172	1,70,78,124
1897-98	50,52,219	2,00,212	48,51,998	1,27,07,206	3,04,533	1,24,02,673	1,77,99,416	5,04,745	1,72,94,671
1898-99	45,85,171	1,81,540	44,03,631	1,37,99,530	3,00,373	1,24,99,157	1,73,94,717	4,81,918	1,69,02,804
Average of three years, 1896-97 to 1898-99.	49,08,448	1,91,477	47,16,971	1,30,64,351	3,02,800	1,28,61,551	1,75,72,809	4,94,376	1,70,78,433

The gross average annual revenue collected under both the Indian Stamp Act and the Court Fees Act, during the three years under review, was Rs. 1,75,72,809 against Rs. 1,64,82,973 collected during the preceding triennium, thus showing an increase of Rs. 10,89,836, which was contributed both by non-judicial and judicial stamps in the proportion of Rs. 3,67,360 and Rs. 7,22,476, respectively.

3. The receipts from sales of the different kinds of stamps are shown in the table below. The figures differ from those given in the last paragraph, as they do not include miscellaneous receipts under the Indian Stamp Act or receipts from the sale of plain paper used with court-fee stamps. There is also a discrepancy of Rs. 1,177 between the total average sales as reported by the Superintendent of Stamps and as shown by the Accountant-General, Bengal, which is under adjustment:—

YEAR.	SALES OF NON-JUDICIAL STAMPS USED UNDER THE INDIAN STAMP ACT.										SALES OF JUDICIAL STAMPS OR STAMPS USED UNDER THE COURT-FEE ACT.			
	Impressed sheets, including certificate stamps, salt bonds, bills of lading, and kabuliyat form stamps.	Impressed labels.	Receipt or one-anna revenue stamps.	Share-transfer stamps.	Foreign bill stamps.	Hundi or bills of exchange stamps.	Notarial stamps.	Advocate, vakil, and attorney stamps.	Impressed one-anna stamps for cheques, bills, &c.	Total of non-judicial stamps.	Adhesive and impressed Court-fee stamps.	Stamps for copies.	Total of Court-fee stamps.	Total of both kinds of stamps.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Average of three years 1893-1895-96.	31,60,862	6,06,067	3,43,841	41,076	39,751	1,19,766	2,468	20,063	64,905	44,86,818	1,10,72,950	5,99,780	1,16,72,730	1,61,11,548
1896-97	34,68,156	8,60,378	3,50,940	28,532	43,653	1,24,499	1,546	16,750	72,707	50,37,157	1,18,03,001	6,90,012	1,25,39,013	1,79,36,170
1897-98	35,30,987	8,60,184	3,74,096	20,631	35,696	80,075	1,908	19,220	77,080	50,13,215	1,17,97,287	6,51,005	1,24,48,292	1,74,45,582
1898-99	31,83,105	7,02,780	3,07,729	18,090	30,536	78,606	1,061	17,750	68,735	44,69,941	1,18,48,774	6,75,394	1,25,24,168	1,69,94,913
Average of three years 1896-1897 to 1898-99.	34,00,749	8,14,447	3,74,427	24,719	36,615	94,390	1,704	17,917	73,137	48,40,104	1,17,40,671	6,54,337	1,24,04,008	1,72,44,685

The average receipts were again highest in Calcutta (Rs. 25,95,374), where nearly one-seventh of the entire stamp revenue was collected, and lowest in Singhbhum (Rs. 21,077). Mymensingh contributed more than 9½ lakhs, 24-Parganas nearly 7½ lakhs, Dacca more than 7¼ lakhs, Tippera over 7 lakhs, Backergunge nearly 7 lakhs, Midnapore 6½ lakhs, Chittagong, Faridpur and Muzaffarpur over 4½ lakhs each, Jessore, Rangpur and Hooghly more than 4½ lakhs each, and Burdwan and Noakhali over 4 lakhs each. The general incidence of stamp revenue on the population of Bengal numbering 71,096,643, according to the census of 1891, was 3 annas and 9 pies per head.

4. The statistics of revenue from impressed sheets, the most important of the non-judicial stamps, are of remarkable interest, and afford a striking illustration of the conditions of agricultural life in this country. In England, an increase in the revenue from deeds and instruments is regarded as conclusive evidence of the activity and prosperity of the landed interest, and was singled out for remark as such in last year's Budget Statement for the United Kingdom. But the above figures, read with the remarks of the local officers, make it clear that in this country it is in years of agricultural depression and distress that the revenue from this source is highest, and that the large increase in it during the years 1896-97 and 1897-98 marks a correspondingly large number of transfers of holdings from the cultivating to the money-lending class. In 1896-97 the sudden incidence of distress upon the poorer cultivators caused by the failure of that year's harvest was accompanied by a sudden rise of 3¼ lakhs in the revenue from this source. In 1897-98 the continuance of distress through the first-half of the year caused a further rise of nearly half a lakh; while with returning prosperity in 1898-99 we find a sudden drop of 3½ lakhs, bringing the revenue down to but a fraction above that of the average of the years 1893 to 1896. In the North-Western Provinces the result was similar, but it may be remarked that the high water-mark in those provinces was reached in the first of the three years of scarcity, and that contraction of credit and other influences caused a decrease in these transactions during each of the two subsequent years, though it even then remained above the normal. From this comparison it would appear that the credit of the raiyat and the capital of the mahajan are greater in Bengal than in the North-Western Provinces.

As to individual districts, it may be noted that in Calcutta, where business was unfavourably affected by famine and the plague scare, the revenue for the three years under report decreased by 5·5 per cent. from the previous triennial average, and that in Champaran there was the large decrease of 15·1 per cent. In the latter case the decrease is the more remarkable in that it follows on a decrease of 7·7 per cent. in 1893 to 1896, which was explained by the Board of Revenue in their report for that period as due to parties awaiting the conclusion of survey and settlement operations before entering into fresh transactions. The decrease in 1898-99 is ascribed to the Manager of the Bettiah Raj having interdicted the transfer of raiyati holdings without the consent of the landlord. From whatever cause, the revenue from this source in Champaran has fallen from Rs. 54,329 in 1893-94 to Rs. 28,994 in 1898-99.

Impressed labels, which are used only in Calcutta, decreased during 1898-99 by Rs. 1,57,404, as compared with the figures for 1897-98, but the average receipts from this source during the three years under review amounted to Rs. 8,14,447 against Rs. 6,96,067 collected during the years 1893-94 to 1895-96, thus showing an increase of Rs. 1,18,380. There was a decline of Rs. 6,877 in the sale of 1-anna revenue stamps, commonly known as receipt stamps, during 1898-99, as compared with the receipts of the previous year, but the average receipts of the three years ending 31st March 1899 showed an increase of Rs. 30,586, as compared with the figures for the preceding three years. The increase occurred in all the districts except Backergunge, Dinajpur and Noakhali. The Board of Revenue attribute this increase "to the better observance of the law by the people, to the greater vigilance on the part of Government officers in making known to the people the requirements of the law, and to the facility afforded to the public for obtaining these stamps through the agency of the post office."

The other classes of non-judicial stamps, which are of minor importance, showed a decrease of Rs. 16,357 under share transfer stamps, Rs. 3,136 under, foreign bill stamps, Rs. 2,166 under advocate, vakil and attorney stamps, and of Rs. 23,376 under *hundi* stamps; and an increase of Rs. 8,232 under one-anna impressed stamps. The decrease under share transfer and *hundi* stamps was mostly due to the stagnation of business in consequence of famine and plague.

5. Under the head Judicial stamps are included (1) adhesive and impressed Court-fee stamps, (2) High Court service stamps, (3) Calcutta Small Cause Court stamps, and (4) stamps for copies. The figures now given indicate that the stress of scarcity, though it may compel the native of Bengal to sell or mortgage his ancestral holding, is yet powerless to induce him to forego in any degree his taste for litigation. Each of the three years now under review shows a steady and continuous rise in the revenue from this source. The average income of the past three years from the sales of these stamps was Rs. 1,13,70,309 under (1) Rs. 3,000 under (2), Rs. 3,76,362 under (3), and Rs. 6,54,337 under (4), making a total of Rs. 1,24,04,008, or an increase of 6·2 per cent. over the income from the same sources in the preceding triennium. Forty districts showed an increase and six a decrease. The largest increases were in Midnapore (Rs. 76,697), Tippera (Rs. 76,556), the 24-Parganas (Rs. 45,768), Rangpur (Rs. 44,459), Backergunge (Rs. 39,920), Howrah (Rs. 39,245), Bankura (Rs. 36,904), Cuttack including Angul (Rs. 33,930), Saran (Rs. 31,950), Noakhali (Rs. 29,669), Faridpur (Rs. 25,661), and Muzaffarpur (Rs. 25,538); the chief decrease being in Dacca (Rs. 24,617). These increases and decreases are due to purely local influences, which it is unnecessary to recapitulate. Taking each denomination of Court-fee stamps sold during the years under review, there was an increase of nearly 4 lakhs in the sale of eight-anna stamps, nearly 3 lakhs in one-anna stamps, and over one lakh in one-rupee stamps, while on the other hand there was a decrease of 40,893 in that of two-anna stamps.

6. The number of cases in which deficient stamp duty and penalty were levied by Civil and Revenue Courts, and the

Levy of penalties.



amounts realized during the period under review, are shown in the following table:—

YEAR.	NUMBER OF CASES.		AMOUNT OF DUTY AND PENALTY REALIZED.		TOTAL.	
	Civil Courts.	Revenue Officers.	By Civil Courts.	By Revenue Officers.	Cases.	Amount.
1	2	3	4	5	6	7
Average of three years, 1898-99 to 1899-00	1,445	2,909	Rs. 11,908	Rs. 37,125	4,354	Rs. 49,033
1898-97	1,227	2,194	9,541	24,753	2,411	34,294
1897-98	1,208	2,141	9,449	20,934	3,549	30,383
1896-99	1,195	2,190	9,385	24,706	3,276	34,111
Average of three years 1898-97 to 1899-99	1,207	2,173	9,449	23,664	3,579	33,933
Average increase (+) or decrease (—) in the three years under review compared with the preceding three years	—230	—727	—2,464	—3,043	—976	—4,096

7. The average number of prosecutions instituted annually for various breaches of the stamp law was 995 against 1,016 in the previous triennium. The Lieutenant-Governor notices with satisfaction the decrease in the number of prosecutions instituted in all except the Presidency and Chota Nagpur Divisions. There was a marked increase of 639 in the number of cases instituted in Calcutta, and the Board attribute this to the "success of the officers attached to the Stamp Department of the Collectorate in seizing a large number of unstamped *hundis* which were issued from Faridpur and Backergunge and negotiated in Beliaghata in the 24-Parganas." The average number of persons brought to trial was 991 against 1,249, of convictions 389 against 1,020, and of acquittals 73 against 162. The Board of Revenue bring to notice the fact that not a single rupee was paid as reward in 30 out of the 47 districts in the province, viz., in the whole of the Orissa and Chittagong Divisions, in 4 districts of the Burdwan Division, in 3 districts of each of the Presidency and Bhagalpur Divisions, in 5 districts of the Rajshahi Division, in 6 districts of the Patna Division, and in 2 districts of the Chota Nagpur Division. In explanation the Board write:—"The duty assigned to income-tax assessors of detecting evasions of stamp duty having been withdrawn, no rewards were paid to those officers in any of the districts except Palamau. This explains the non-payment of rewards or scanty payment in the remaining districts."

8. Several cases of fraud and defalcation were detected during the period under review, the most serious of which occurred in the Shahabad treasury, where Court-fee stamps to the value of Rs. 13,080-8 were abstracted from the double and single lock store. The enquiry disclosed that the abstraction of the stamps, which extended from 1891 down to July 1896, was rendered possible only by neglect of rules and culpable carelessness on the part of the Treasurer and the Treasury Officer. Criminal proceedings against the stamp muharrir were instituted in respect of certain stamps found missing from the stock under single lock, and he was sentenced, on conviction, to two years' rigorous imprisonment. A similar, but isolated, case occurred in the Puri Collectorate; stamps to the value of Rs. 148-8 having been abstracted by a muharrir during the temporary absence of the Treasurer. The theft was, however, immediately discovered by the latter officer, and resulted in the muharrir being sentenced to six months' rigorous imprisonment.

The working of the licensed stamp vendors was on the whole satisfactory, an exception being in the Siwan subdivision of Saran, where systematic frauds in obtaining refunds and in selling spoiled stamps appear to have been committed. No conviction, however, was obtained.

9. The Lieutenant-Governor's acknowledgments are due to the Board of Revenue for their careful administration of the Stamp Department. The names of the officers favourably mentioned by the Board will be noted in the Appointment Department.

By order of the Lieutenant-Governor of Bengal,

E. N. BAKER,  
Offg. Secy. to the Govt. of Bengal.

FIRST REPORT ON THE BHADOI CROPS IN  
BENGAL, 1899.

THE following is published for general information.

F. A. SLACK,

The 3rd October 1899. Offg. Secy. to the Govt. of Bengal.

DEPARTMENT OF LAND RECORDS AND  
AGRICULTURE, BENGAL.

*First Report on the Bhadoi Crops in Bengal, 1899.*

*Explanatory.*—The present report furnishes estimates of the area and outturn of all kinds of *bhadoi* crops, including such food-crops as *aus* paddy, maize, and millets, for which no separate reports are published, and non-food crops, such as jute, indigo, and cotton, for which separate notes are issued by this Department. The normal areas have been revised by some of the District Officers since the date of last year's report.

*Character of the season.*—The season has been characterised by heavy and often excessive rain in most parts of these provinces. In April more than the average rain fell in all districts, excepting North Bengal, where it was slightly in defect. The rainfall in May was much above the normal in Orissa and Lower Bengal, fell below the normal in North Bengal and in the Bhagalpur and Chota Nagpur Divisions, and was normal in the rest of Bihar. In June the rainfall was general, and was much above the normal in East Bengal. In Orissa, however, it was slightly deficient. The rainfall in July was exceptionally heavy and continuous over the greater part of these provinces, but there was a slight deficit again in Orissa, and the fall fell short of the normal also in the south of Chota Nagpur. In August, excessive rain fell in North Bengal, parts of East Bengal, Chittagong, and in the northern tracts, including the whole of Bihar down to the north bank of the Ganges, but the fall was considerably below the normal in Orissa and Chota Nagpur. The rainfall in September has been general, except in Orissa and Chota Nagpur, where it has been insufficient. On the whole, the season has been unfavourable to the *bhadoi* crops, as the rainfall has been badly distributed everywhere, and has been so excessive as to cause great damage in many districts; while some crops (especially paddy and jute) have also suffered seriously in some districts from insect pests.

*Area cultivated.*—The area sown with all kinds of *bhadoi* crops is estimated at 15,691,300 acres against 16,220,800 acres sown in 1898. The decrease of nearly 3 per cent. in the area sown is due to the unfavourable season. It should be remarked that, whilst the area under all the important *bhadoi* food-crops shows a considerable decrease, there has been, on the other hand, a perceptible increase in the area under the non-food crops. This result has been mostly brought about by the extended cultivation of jute in preference to paddy due to the low price prevailing for paddy at the close of last year.

*Outturn.*—From the statement appended to this note, it will be seen that out of 45 districts, only one district (Birbhum) anticipates an outturn above the normal. Six districts, viz., Dinajpur, Darjeeling, Rangpur, Tippera, Chittagong, and Cuttack estimate an outturn of 90 per cent. or above 90; in 16 districts, the estimate varies between 80 and 90, and in the remaining 22 districts it falls below 80, the estimates for all the districts of the Patna Division, except Chumparan (88) and Darbhanga (59) falling below 50 per cent. The crop which has suffered most would appear to have been maize, the estimated yield for the Province, in nearly 2 million acres, being only 33 per cent. while a million acres of *mandua* are expected to give only a 50 per cent. crop. Taking the Province as a whole, the District Officers estimate the outturn of all kinds of *bhadoi* crops at 76 per cent. of a normal crop against 93 estimated in 1898. Making due allowance for a tendency to underestimate the outturn, it may be roughly calculated that these crops will yield an outturn equal to 80 per cent. of a normal crop.

D. L. ROY,

*Assistant Director of Land Records and  
Agriculture, Bengal.*

COUNTERSIGNED.

P. C. LYON,

*Director of the Department of Land Records  
and Agriculture, Bengal.*

CALCUTTA,

*The 26th September 1899.*

## Preliminary Forecast of the Bhadoi Crops of Bengal for the year 1899.

District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Names of bhadoi crops.	Approximate normal area under each specified bhadoi crop in acres.	Approximate area last year (1898) under each specified bhadoi crop in acres.	Estimated area this year (1899) under each specified bhadoi crop in acres.	Taking 100 to represent the normal output, how much represented output last year (1898)?	Taking 100 to represent the normal output, how much will represent this year's output (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Burdwan	1,753,050	1,253,900	Bhadoi paddy Indian-corn (maize) Other bhadoi cereals and bhadoi pulses Other food-crops (e.g., vegetables) Other non-food crops, e.g., jute, indigo, bhadoi fig, sunn hemp, mulberry, &c., &c.	175,700 3,000 8,100 2,700 23,000	172,500 3,000 7,100 2,300 26,300	173,000 3,000 8,000 2,100 26,300	100 100 100 100 85	85 75 85 85 93	Taking the district as a whole, the output is expected to be nearly normal.	
			Total	215,500	211,500	211,000	84	84		
Birbhum	1,121,920	900,000	Bhadoi paddy Indian-corn (maize) Other food-crops (e.g., vegetables) Other non-food crops, e.g., jute, indigo, bhadoi fig, sunn hemp, mulberry, &c., &c.	144,100 1,300 1,400 2,800	150,000 2,000 1,600 2,500	150,000 2,000 1,500 2,500	100 100 90 85	112 100 100 100		
			Total	159,200	154,000	150,000	100	112		

District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Name of <i>bhadol</i> crops.	Approximate normal area under each specified <i>bhadol</i> crop in acres.	Approximate area last year (1898) under each specified <i>bhadol</i> crop in acres.	Estimated area this year (1899) under each specified <i>bhadol</i> crop in acres.	Taking 100 to represent the normal outturn, how much represented outturn last year (1898)?	Taking 100 to represent the normal outturn, how much (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Banura	1,677,450	642,900	<i>Bhadol</i> paddy Bajra Mandua ( <i>marua</i> or <i>ragi</i> ) Indian-corn (maize) Other <i>bhadol</i> cereals and <i>bhadol</i> pulses. Other food-crops ( <i>e.g.</i> , vegetables). Other non-food crops, <i>e.g.</i> , jute, indigo, <i>bhadol</i> oil, sesam hemp, mulberry, &c., &c. Total	21,900 900 1,100 3,000 8,400 700 8,600	21,300 1,100 3,400 8,700 900 9,100	21,400 1,000 3,400 8,400 1,000 9,000	112 75 76 62 75 93 100	100 63 63 60 100 100	The slight decrease in the total area calls for no explanation. The outturn however of some of the crops is less than that of 1898, and the reason for this short-curtain is that there has been an unequal distribution of rain during the year. There was copious rain at the beginning, but it has been scanty later on.	
Midnapore	3,292,600	2,111,500	<i>Bhadol</i> paddy Bajra Mandua ( <i>marua</i> or <i>ragi</i> ) Indian-corn (maize) Other <i>bhadol</i> cereals and <i>bhadol</i> pulses. Other food-crops ( <i>e.g.</i> , vegetables). Other non-food crops, <i>e.g.</i> , jute, indigo, <i>bhadol</i> oil, sesam hemp, mulberry &c., &c. Total	107,900 6,100 2,000 21,200 46,700 22,300 77,400	108,300 6,000 2,000 19,000 45,900 10,000 90,000	107,700 6,000 2,000 19,000 50,900 23,500 75,100	69 70 69 65 65 61 58	96 80 76 90 84 76 76	Owing to seasonable rainfall a larger area has been brought under cultivation except at Contal, where owing to excessive rainfall the fields have been submerged and rendered unfit for cultivation. For the same reason the outturn is likely to be better, except in the Contal subdivision. The decrease in the normal area under non-food crops is due to Messrs. Watson and Company having given up growing indigo in this district.	



Monthly	1,067,300	702,300	Bhadai paddy Indian corn (maize) Other bhados cereals and bhados pulses, Other food-crops (e.g., vege- tables), Other non-food crops, e.g., jute, indigo, bhados til, sunn hemp, mulberry, &c., &c.	44,000 100 2,500 5,000 28,700	47,000 100 2,600 3,300 35,000	43,900 100 2,200 3,200 18,500	86 88 81 75 81	80 76 81 69 74	Owing to the heavy rains at the time of sowing, the outturn is likely to be poor.  The area under food-crops has been revised in accordance with the information supplied by the police. The decrease in area under other non-food crops is due to the cultivation of the lands having been submerged at the time of cultivation.
24 Parganas	1,244,640	1,102,000	Bhadai paddy Other bhados cereals and bhados pulses, Other food-crops (e.g., vege- tables), Other non-food crops, e.g., jute, indigo, bhados til, sunn hemp, mulberry, &c., &c.	108,700 3,000 4,900 42,000	122,100 2,000 5,400 23,300	90,600 3,400 4,500 27,400	106 75 86 100	78 81 80 77	The heavy rainfall in June and July interfered with weeding, hence the out- turn is expected to be below the normal.
Medin	1,780,160	1,303,000	Bhadai paddy Indian corn (maize) Other bhados cereals and bhados pulses, Other food-crops (e.g., vege- tables), Other non-food crops, e.g., jute, indigo, bhados til, sunn hemp, mulberry, &c., &c.	278,300 1,000 45,300 20,900	412,400 100 30,000 14,300	343,500 300 36,400 15,700	69 65 70 80	80 60 73 75	The area sown this year is above the accepted normal, in high land not affected by the flood, which was rather early this year, the yield has been a bumper one, in lands thus affected the yield has been poor. On the whole, 60 per cent. would be an approximate guess. Excessive rain has damaged the crop.
Murabidabad	1,373,440	936,500	Bhadai paddy Indian corn (maize) Other bhados cereals and bhados pulses, Other food-crops (e.g., vege- tables), Other non-food crops, e.g., jute, indigo, bhados til, sunn hemp, mulberry, &c., &c.	222,700 200 2,200 8,600	230,300 300 1,900 4,900	220,700 600 1,300 8,000	78 75 80 80	76 83 86 77	The early rise of the river partially damaged the bhados paddy in some places in the Sadar and Jangipur subdivisions, hence the decrease in outturn. The increase in outturn is due to season- able rainfall this year.  The early rise of the river damaged these crops this year, hence the decrease in outturn. The increase in outturn is due to seasonable rainfall.

Remarks by the Department of Land Records and Agriculture, Bengal.										
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Rajshahi	1,000,100	1,217,000	Bhadol paddy	119,900	159,700	119,400	105	78	The area under main crops has been shown for the first time this year.
			Indian-corn (maize)	1,100		1,100		90	
			Other food-crops (e.g., vegetables)	2,000	1,200	2,000	100	100	
			Other non-food crops, (e.g., jute, indigo, dhadoi, &c., &c.)	120,000	110,000	120,000	79	85	
			Total	242,900	270,900	242,700	98	81	
Dinajpur	2,000,000	1,007,000	Bhadol paddy	120,700	140,000	120,700	100	90	There being plenty of paddy in stock, the cultivation did not exceed the normal. Heavy rain the autumn is not quite up to the average. Heavy rain did some injury to non-food crops, hence the low estimated outturn.
			Jowar	7,000	7,000	7,000	75	75	
			Mandua (maize or ragi)	7,000	7,000	7,000	100	100	
			Other food-crops (e.g., vegetables)	100	100	100	75	75	
			Other non-food crops, (e.g., jute, indigo, dhadoi, &c., &c.)	100,000	80,000	80,000	100	90	
Jalpaiguri	1,800,000	1,075,000	Total	247,700	247,100	247,400	100	100	
			Bhadol paddy	130,700	150,900	137,300	69	85	The figures showing the percentage outturn of last year in columns A have been revised. The low outturn of paddy is due to unseasonable rainfall.
			Indian-corn (maize)	1,000	2,500	2,100	81	90	
			Other food-crops (e.g., vegetables)	3,500	4,300	4,300	94	91	
			Other non-food crops, (e.g., jute, indigo, dhadoi, &c., &c.)	87,300	81,700	88,500	79	79	
			Total	197,700	202,000	207,900	68	83	
Dumfries	744,800	1,02,000	Bhadol paddy	7,000	6,200	6,200	108	94	
			Mandua (maize or ragi)	7,700	5,700	5,700	116	100	
			Indian-corn (maize)	22,200	21,200	21,200	91	100	
			Other food-crops (e.g., vegetables)	600	600	600	91	100	
			Other non-food crops, (e.g., jute, indigo, dhadoi, &c., &c.)	4,500	4,500	5,100	116	100	
Dumfries			Total	44,800	38,700	40,400	99	95	
			Bhadol paddy	120,700	140,000	120,700	100	90	
			Jowar	7,000	7,000	7,000	75	75	
			Mandua (maize or ragi)	7,000	7,000	7,000	100	100	
			Other food-crops (e.g., vegetables)	100	100	100	75	75	

District.	1	2	3	4	5	6	7	8	9	10	11
		Total area of district in acres.	Total area in district cultivated in acres.	Names of <i>bhadai</i> crops.	Approximate normal area under each specified <i>bhadai</i> crop in acres.	Approximate area last year (1889) under each specified <i>bhadai</i> crop in acres.	Estimated area this year (1890) under each specified <i>bhadai</i> crop in acres.	Taking 100 to represent the normal outturn, how much represented outturn last year (1889)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1890)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Bangpur	...	2,231,940	1,021,700	<i>Bhadai</i> paddy ... Indian-corn (maize) Other <i>bhadai</i> cereals and <i>bhadai</i> pulses, Other food-crops (e.g., vegetables). Other non-food crops, e.g., jute, indigo, <i>bhadai</i> fit, <i>swas</i> hemp, mulberry, &c., &c. Total ...	282,500(a) 290 70,900 44,000 300,000 637,600	316,000 290 76,100 38,300 300,000 631,100	304,000 290 76,100 38,800 235,000 654,100	94 88 99 100 93 95	104 88 100 100 87 98	(a) The normal area has been arrived at by taking the average of the areas actually cultivated in the past five years.  Last year the price of jute rose to a certain extent. Hence the increase in area sown with jute and some slight decrease in that sown with paddy. Incessant heavy rain during the greater part of the season damaged both the crops more or less. This is the reason for the low estimate of outturn.  The low price of rice induced the cultivators to grow jute more extensively than paddy. Incessant rain has caused the rivers to overflow early, and many fields sown with <i>bhadai</i> paddy, are submerged under water, hence a small	
Bogra	...	809,760	600,000	<i>Bhadai</i> paddy ... Other non-food crops, e.g., jute, indigo, <i>bhadai</i> fit, <i>swas</i> hemp, mulberry, &c., &c. Total ...	75,700 180,000 255,700	110,000 40,000 150,000	103,100 82,300 185,000	113 100 109	97 75 87		
Pabna	...	1,176,920	882,300	<i>Bhadai</i> paddy ... Other <i>bhadai</i> cereals and <i>bhadai</i> pulses. Other food-crops (e.g., vegetables). Other non-food-crops e.g., jute, Total ...	126,100 39,400 106,500 190,300	174,500 50,000 106,000 190,500	167,400 50,000 106,000 190,500	100 106 50 75	90 106 45 75		

Dacca	1,780,400	1,512,500	Indigo, bhadoi til, swas hemp, mulberry, &c., &c.	Total	454,900	436,800	436,300	83	75	Continuous rainfall is the cause of the smaller outturn of vegetables. Insects locally called "chengu" appear in a year of unusually heavy rainfall, and are injurious to the jute crop. This worm has appeared this year and has done much damage to jute. But as no such damage is reported from Sirajganj, and as jute is more extensively grown in that subdivision than in the Sadar, the average outturn for the whole district practically remains unaffected.
				Bhadoi paddy	225,000	224,800	224,800	125	81	
				Other bhadoi cereals and bhadoi pulses.	1,000	300	300	75	60	
				Other food-crops (e.g., vegetables).	40,000	43,100	47,700	85	60	
Mymensingh	4,028,400	2,405,700	Indigo, bhadoi til, swas hemp, mulberry, &c., &c.	Other non-food crops, e.g., jute.	210,000	178,000	169,000	60	51	Great damage has been caused to the jute plants by caterpillars. The excessive flood has also caused some injury.
				Total	476,000	445,900	440,300	95	68	
				Bhadoi paddy	280,000	302,200	373,200	110	95	
				Other bhadoi cereals and bhadoi pulses.	58,000	55,500	68,900	100	95	
Faridpur	1,466,600	1,007,500	Indigo, bhadoi til, swas hemp, mulberry, &c., &c.	Other food-crops (e.g., vegetables).	42,600	37,500	32,800	100	80	Jute appears to have taken the place of paddy to some extent.
				Other non-food crops, e.g., jute.	531,100	533,400	537,200	90	83	
				Total	1,044,500	1,072,600	1,001,800	99	86	
				Bhadoi paddy	345,000	345,800	338,000	120	75	
Faridpur	1,466,600	1,007,500	Indigo, bhadoi til, swas hemp, mulberry, &c., &c.	Other bhadoi cereals and bhadoi pulses.	100	100	100	100	50	The bad outturn is due to constant rains and damage done by insects.
				Other food-crops (e.g., vegetables).	500	800	500	100	75	
				Other non-food crops, e.g., jute.	100,000	70,400	90,000	75	60	
				Total	445,000	416,000	428,100	115	73	

It appears that jute has taken the place of paddy to some extent.



District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Name of Bhadoi crops.	Approximate normal area under each specified Bhadoi crop in acres.	Approximate area last year (1898) under each specified Bhadoi crop in acres.	Estimated area this year (1899) under each specified Bhadoi crop in acres.	Taking 100 to represent the normal outturn, how much represented outturn last year (1898)?	Taking 100 to represent the outturn this year?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Backergunge	2,335,360	1,406,000	Bhadoi paddy Other non-food crops, e.g., jute, indigo, bhadoi oil, sesam hemp, mulberry, &c., &c.	850,000 10,000	322,500 7,500	322,500 10,000	100 100	88 100	The low outturn is partly due to untimely rainfall and partly to the damage caused by 'Famari' insects.	
			Total	860,000	330,000	332,500	100	88		
Tytera	1,594,800	1,171,300	Bhadoi paddy	924,000	314,000	293,000	104	93	The low outturn of paddy is due to excessive rainfall at the time of harvesting and to some damages done by insects. The figures for other food crops have been ascertained.	
			Other food crops, (e.g., vegetables).	18,500	12,000	17,500	83	90		
			Other non-food crops, e.g., jute, indigo, bhadoi oil, sesam hemp, mulberry, &c., &c.	238,000	144,500	231,000	96	95	A favourable season and the fall in the price of rice have increased the area under jute and vegetables this year.	
			Total	1,180,500	470,500	521,500	102	95		
Nashali	1,052,800	618,800	Bhadoi paddy	517,800	217,800	217,800	104	85	The increase of 5,000 acres in columns 5, 6, and 7 over the figures shown in the last return is due to the inclusion of that area under Bhadoi out of the 17,000 acres of cultivated area transferred from sugarcane in rice.	
			Other Bhadoi cereals and Bhadoi pulses, non-food crops, e.g., jute, indigo, bhadoi oil, sesam hemp, mulberry, &c., &c.	101,000	2,000	2,000	75	60	A low outturn of Bhadoi cereals is expected owing to excessive rainfall.	
			Total	618,800	219,800	219,800	104	84		

Chittagong	1,304,761	500,900	Bhadol paddy Other Bhados cereals and Bhados pulses. Other food crops (e.g., vege- tables). Other non-food crops, e.g., jute, indigo, Bhados til, suns hemp, mulberry, &c., &c.	92,300 3,000 13,800 12,900	91,000 2,400 15,000 10,000	92,300 2,400 15,000 10,000	96 96 96 96	The low estimate of output is due to the excessive rainfall in the months of July and August.
Patna	1,333,500	500,800	Bhadol paddy Jowar Mandua (marua or ragi) Indian-corn (maize) Other Bhados cereals and Bhados pulses. Other food crops (e.g., vege- tables). Other non-food crops, e.g., jute, indigo, Bhados til, suns hemp, mulberry, &c., &c.	127,000 10,100 10,400 89,400 109,000 4,300 10,400 6,600	118,900 7,800 10,100 89,400 107,900 4,300 12,800 4,900	120,900 8,000 100 89,100 98,300 2,500 12,100 3,600	96 96 96 96 96 96 96 96	The large decrease in area and output is due to excessive rain at the time of sowing and floods in parts of the district.
Gaya	2,015,000	2,207,600	Bhadol paddy Jowar Mandua (marua or ragi) Indian-corn (maize) Other Bhados cereals and Bhados pulses. Other food crops (e.g., vege- tables). Other non-food crops, e.g., jute, indigo, Bhados til, suns hemp, mulberry, &c., &c.	240,100 20,000 19,000 77,200 63,100 30,200 3,500 1,500	236,800 19,800 19,600 77,000 63,100 29,700 3,300 2,300	216,000 19,400 18,000 75,000 61,800 28,000 2,700 2,300	97 97 97 97 97 97 97 97	The poor output is due to too early and excessive rain.
Bhambod	2,706,530	1,841,000	Bhadol paddy Jowar Mandua (marua or ragi) Indian-corn (maize) Other Bhados cereals and Bhados pulses. Other food crops (e.g., vege- tables). Other non-food crops, e.g., jute, indigo, Bhados til, suns hemp, mulberry, &c., &c.	215,500 87,500 8,200 4,900 48,600 51,200 17,500 16,500	211,500 87,500 8,200 4,900 48,600 51,200 17,500 16,500	203,500 85,000 2,100 2,000 32,600 12,100 16,500 10,500	78 78 78 78 78 78 78 78	The decrease both in area and output of Bhadol crops is due to excessive rain.
			Total	332,100	218,900	185,100	93	

District.	Total area of district in acres.	Total area in district estimated to be under cultivation in acres.	Name of <i>dhadoi</i> crops.	Approximate normal area under each specified <i>dhadoi</i> crop in acres.	Approximate area last year (1898) under each specified <i>dhadoi</i> crop in acres.	Estimated area this year (1899) under each specified <i>dhadoi</i> crop in acres.	Taking 100 to represent the normal outturn, how much represented outturn last year (1898)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Saran ..	1,008,067	1,303,500	<i>Dhadoi</i> paddy ... .. Jowar ... .. Bajra ... .. Mandua ( <i>marua</i> or <i>ragi</i> ) ... .. Indian-corn (maize) ... .. Other <i>dhadoi</i> cereals and <i>dhadoi</i> pulses, ... .. Other food crops ( <i>e.g.</i> , vegetables), ... .. Other non-food crops, <i>e.g.</i> , jute, indigo, <i>dhadoi</i> <i>tik</i> , cassia hemp, mulberry, &c., &c. ... .. Total ... ..	68,800 6,000 2,500 85,000 297,300 45,000 21,300 60,000 564,000	66,800 5,700 2,300 83,600 297,300 47,000 31,000 60,900 567,000	68,800 5,400 2,300 88,100 293,900 47,000 21,000 63,000 540,300	78 78 78 85 85 75 85 85 84	45 17 17 56 55 53 53 57 51	The continuous rains for over a month without break have very heavily told upon the prospects of <i>dhadoi</i> crops.	This report is an extremely favourable one as compared with those for neighbouring districts. It is true that agricultural conditions in Champaran differ somewhat from those in Saran and Muzaffarpur, and that the rainfall has been slightly less heavy there, but the estimate of outturn seems excessive. The figures of outturn for last year have been revised.
Champaran ..	2,355,940	1,304,000	<i>Dhadoi</i> paddy ... .. Jowar ... .. Bajra ... .. Mandua ( <i>marua</i> or <i>ragi</i> ) ... .. Indian-corn (maize) ... .. Other <i>dhadoi</i> cereals and <i>dhadoi</i> pulses, ... .. Other food crops, ( <i>e.g.</i> , vegetables), ... .. Other non-food crops, <i>e.g.</i> , jute, indigo, <i>dhadoi</i> <i>tik</i> , cassia hemp, mulberry, &c., &c. ... .. Total ... ..	253,000 6,000 4,000 18,000 128,000 130,000 1,000 38,000 607,000	255,000 6,000 4,000 18,000 130,000 129,000 1,000 38,000 614,000	256,000 6,000 4,000 19,000 130,000 130,000 1,000 33,000 621,000	88 100 100 106 125 100 100 101	110 90 90 90 85 75 75 88	The increase in area sown with <i>dhadoi</i> paddy is due to the favourable season at the time of sowing. The season has been very favourable to this crop throughout, and the outturn is expected to be nearly a bumper crop. The other <i>dhadoi</i> crops have suffered owing to excessive rain, and hence the outturn is expected to be short this year. The area under maize is less than that sown last year, as the sowing was prevented owing to continual heavy rain.	This report is an extremely favourable one as compared with those for neighbouring districts. It is true that agricultural conditions in Champaran differ somewhat from those in Saran and Muzaffarpur, and that the rainfall has been slightly less heavy there, but the estimate of outturn seems excessive. The figures of outturn for last year have been revised.

[illegible]

District.	Total area of district in acres.	Total area in district cultivated to be under cultivation in acres.	Name of <i>dhadoi</i> crop.	Approximate normal area under each specified <i>dhadoi</i> crop in acres.	Approximate area last year (1898) under each specified <i>dhadoi</i> crop in acres.	Estimated area this year (1899) under each specified <i>dhadoi</i> crop in acres.	Taking 100 to represent the normal outturn, how much represented outturn last year (1898)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Purnea	3,125,530	1,630,900	<i>Dhadoi</i> paddy ... .. Jowar ... .. Khadua ( <i>marua</i> or <i>regi</i> ) ... .. Indian-corn ( <i>maize</i> ) ... .. Other <i>dhadoi</i> cereals and <i>dhadoi</i> pulses. Other food crops ( <i>e.g.</i> , vegetables). Other non-food crops, <i>e.g.</i> , jute, indigo, <i>dhadoi</i> fit saw hemp, mulberry, &c., &c. Total	516,500 100 4,400 4,000 2,000 24,400 78,800 630,900	575,900 100 1,000 3,500 2,800 26,000 68,000 667,900	516,500 100 4,200 4,000 2,000 24,400 72,700 623,900	86 .... 80 75 92 75 84 85	86 100 87 85 94 92 93 85	The figures in column 5 have been revised after careful enquiry.	The area under Jowar has been shown for the first time this year.
Maida	1,216,000	811,500	<i>Dhadoi</i> paddy ... .. Jowar ... .. Khadua ( <i>marua</i> or <i>regi</i> ) ... .. Indian-corn ( <i>maize</i> ) ... .. Other <i>dhadoi</i> cereals and <i>dhadoi</i> pulses. Other food crops ( <i>e.g.</i> , vegetables). Other non-food crops, <i>e.g.</i> , jute, indigo, <i>dhadoi</i> fit saw hemp, mulberry, &c., &c. Total	170,000 300 600 17,700 8,100 2,800 26,900 925,700	169,000 200 100 17,600 6,900 1,500 23,000 217,600	170,000 300 200 17,000 5,000 1,600 20,000 214,100	103 100 110 94 88 75 88 98	87 87 86 94 94 87 94 88	Owing to constant rain and the sudden rise of the rivers, the estimated outturn of the crops is much below the average.	



Southal Parganas	3,600,100	1,027,300	Bhadai paddy Jowar Soya Mandua ( <i>marua</i> or <i>ragi</i> ) Indian corn (maize) Other <i>bhadai</i> cereals and <i>bhadai</i> pulses Other food crops ( <i>e.g.</i> , vegetables) Other non-food crops, <i>e.g.</i> , jute, indigo, <i>bhadai</i> oil, <i>sun</i> hemp, mulberry, &c., &c.	31,000 6,000 41,000 41,000 41,000 138,000 43,100 2,300 38,000*	11,000 6,000 41,000 41,000 41,000 138,000 43,100 2,300 38,100*	11,000 2,000 37,000 16,100 112,000 55,300 2,000 31,000*	82 78 78 84 84 80 84 88	50 46 46 46 46 46 46 55	Owing to excessive rain this year the <i>bhadai</i> crops suffered.
Cuttack	2,383,200	1,161,900	Total	310,800	238,100	940,200	88	47	* Including <i>bhadai</i> oil and indigo not shown last year for the Rajmahal subdivision.
Bahar	1,315,475	837,100	Bhadai paddy Mandua ( <i>marua</i> or <i>ragi</i> ) Other <i>bhadai</i> cereals and <i>bhadai</i> pulses Other food crops ( <i>e.g.</i> , vegetables) Other non-food crops, <i>e.g.</i> , jute, indigo, <i>bhadai</i> oil, <i>sun</i> hemp, mulberry, &c., &c.	183,100 15,100 8,300 3,000 13,800 202,701	103,100 15,100 8,300 3,000 13,200 202,700	103,000 15,000 8,300 3,000 13,200 22,500	110 105 100 100 100 108	80 70 67 67 64 82	Inadequate rainfall when the <i>bhadai</i> crops were mature has told upon the prospects of certain crops.
Angul and Khondmala	1,075,940	346,300	Bhadai paddy Mandua ( <i>marua</i> or <i>ragi</i> ) Indian corn (maize) Other <i>bhadai</i> cereals and <i>bhadai</i> pulses Other food crops ( <i>e.g.</i> , vegetables) Other non-food crops, <i>e.g.</i> , jute, indigo, <i>bhadai</i> oil, <i>sun</i> hemp, mulberry, &c., &c.	14,000 1,000 8,000 8,300 1,000 14,000 46,800	14,000 1,000 8,000 8,300 1,000 14,000 46,800	14,000 1,000 8,000 8,200 1,000 14,000 46,800	80 100 100 100 100 100 94	35 35 100 66 80 100 71	A normal outturn is expected in the Bahar and 75 per cent. in the Khondmala subdivision owing to want of sufficient rain. A large increase in area is reported from the Bahar.
			Total	58,100	59,800	114,700	88	86	The decrease in outturn of paddy, mandua other cereals, and garden vegetables is due to insufficient rainfall in July and August last.
			Bhadai paddy	14,000	14,000	14,000	80	85	The approximate area of the <i>sun</i> crop is 1,000 acres, cotton 2,000 acres, <i>bhadai</i> oil about 8,000 acres, instead of 25,500 acres as shown in previous estimate which included maghi rasi crop sown in September and harvested in December.

I will ask the Deputy Commissioner whether there has been no variation from the normal area sown in either of the past two years.

District.	Total area of district in acres.	Total area in district cultivated to be under cultivation in acres.	Name of bhadoi crops.	Approximate normal area under each specified bhadoi crop in acres.	Approximate area last year (1898) under each specified bhadoi crop in acres.	Estimated area this year (1899) under each specified bhadoi crop in acres.	Taking 100 to represent the normal outturn, how much represented outturn last year (1898)?	Taking 100 to represent the normal outturn, how much represented this year's outturn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Part	1,052,730	813,300	Bhadoi paddy Mandua (morus or reat) Other food crops (e.g., vegetables) Other non-food crops, e.g., jute, indigo, bhadoi oil, castor hemp, mulberry, &c., &c.	25,000 25,000 1,500 15,000	25,000 25,000 800 10,000	20,000 24,000 1,700 12,000	100 88 88 75	60 75 80 75	The decrease in the area under bhadoi paddy and increase in the area under mandua and other food-crops are due to the fact that the people grow the latter crops more in lands where paddy was grown before. The low outturn is due to want of sufficient rain in July and August. The bhadoi paddy was damaged by insect pests in some parts.	
			Total	125,000	119,800	133,700	95	64		
Barisalbagh	4,008,440	2,472,500	Bhadoi paddy Mandua (morus or reat) Indian-corn (maize) Other bhadoi cereals and bhadoi pulses Other food crops (e.g., vegetables) Other non-food crops, e.g., jute, indigo, bhadoi oil, castor hemp, mulberry, &c., &c.	48,300 105,100 217,200 191,300 1,500 75,100	45,300 102,100 217,800 131,300 1,250 75,100	47,300 106,100 217,800 131,300 1,500 75,100	100 100 100 100 100 100	71 82 80 50 55 52	Owing to heavy rainfall in June and July 1899 the prospects of the bhadoi crops were considerably affected. Hence the short outturn.	I will ask the Deputy Commissioner to report definitely whether there was no variation from the normal area sown in either the past or the present year.
			Total	575,300	573,300	573,300	100	45		

[illegible]

District.	Total area of district in acres.	Total area in district cultivated.	Name of <i>bhadol</i> crops.	5	6	7	8	9	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
1	2	3	4	5	6	7	8	9	10	11
Sloughburn ..	2,536,019	782,000	<i>Bhadol</i> paddy .. .. Jowar .. .. Rajra .. .. Mandua ( <i>marua</i> or <i>ragi</i> ) .. .. Indian-corn (maize) .. .. Other <i>bhadol</i> cereals and <i>bhadol</i> pulses. Other food crops ( <i>e.g.</i> , vegetables). Other non-food crops, <i>e.g.</i> , jute, indigo, <i>bhadol</i> oil, sun hemp, mulberry, &c., &c. Total ..	137,200 4,000 4,000 12,000 38,000 40,000 25,000 14,700 278,300	137,200 4,000 4,000 15,000 38,000 40,000 25,000 14,100 278,300	167,290 4,000 4,000 15,000 38,000 40,000 25,000 14,100 278,300	100 100 100 100 100 100 100 100 100	Taking 100 to represent the normal outturn, how much represented outturn last year (1898)? Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	The Deputy Commissioner reports that the rainfall has been very unequally distributed and that, even when the total fall has been heavy, it has come in heavy downpours at long intervals, so that the water has drained off quickly and done little good.	I will ask the Deputy Commissioner to report definitely whether there was no variation from the normal area sown either in the past or the present year.
Bengal ..	95,395,627	57,427,000	<i>Bhadol</i> paddy .. .. Jowar .. .. Rajra .. .. Mandua ( <i>marua</i> or <i>ragi</i> ) .. .. Indian-corn (maize) .. .. Other <i>bhadol</i> cereals and <i>bhadol</i> pulses. Other food crops ( <i>e.g.</i> , vegetables). Other non-food crops, <i>e.g.</i> , jute, indigo, <i>bhadol</i> oil, sun hemp, mulberry, &c., &c. Total ..	7,549,000 139,000 79,000 1,042,300 2,165,000 1,264,000 684,300 2,690,300 16,491,000	7,939,800 140,000 78,300 1,071,300 2,135,700 1,292,300 553,900 2,606,000 16,230,500	7,549,900 124,700 78,000 1,001,300 1,914,400 1,145,000 579,000 2,361,900 15,091,300	99 90 83 91 84 87 79 85 92	86 41 85 50 33 63 67 77 76		

No. 4835R.C.

DISTRICT ROAD FUND.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

ROAD CESS.

*Dated Calcutta, the 2nd October 1899.*

RESOLUTION.

READ—

Letter from the Accountant-General, Bengal, No. 362L.F., dated the 20th September 1899, submitting an abstract of receipts and expenditure of the several District Road Committees in Bengal for the quarter ending 30th June 1899.

RESOLUTION.—The Lieutenant-Governor directs that the accounts of the receipts and expenditure of the several District Road Committees in Bengal for the first quarter of the year 1899-1900 be published in the *Calcutta Gazette* and circulated to the officers concerned.

ORDER.—Ordered that a copy of this Resolution, together with a copy of the abstract of receipts and expenditure, be published in the Supplement to the *Calcutta Gazette*.

Ordered also that a copy of this Resolution, and of the abstract referred to, be forwarded for information to the Commissioners of the Rajshahi, Chittagong, Bhagalpur, and Chota Nagpur Divisions; Superintending Engineer of the Northern Circle; Inspectors of Works, Eastern and Western Circles; and Financial Department of this Government.

By order of the Lieutenant-Governor of Bengal,

D. JOSCELYNE,

*Secretary to the Government of Bengal.*

DISTRICT

Statement of Receipts and Expenditure of the several Districts

RECEIPTS

DISTRICTS.	Balance in Treasury on 1st April 1899.	PROVINCIAL RATES.				Interest on arrears of road cess.	MISCELLANEOUS.			IRRIGATION.			
		Cess on lands.	Cess on mines and railways.	One per cent. road cess.	Total.		Fees, fines and forfeitures.	Miscellaneous.	Total.		Canal tolls.	Miscellaneous.	Contribution from private persons.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.				Rs. A. P.
Darjeeling	27,000 2 4	1,380 11 3	.....	.....	1,380 11 3	0 0 4	.....	.....	.....	.....	.....	.....	.....
Hazaribagh	9,049 1 9	9,486 6 6	178 14 1	.....	9,665 4 7	22 3 4	59 13 0	345 12 11	405 9 11	.....	.....	.....	30 8 6
Ranchi	8,208 14 11	11,878 15 10	0 3 0	.....	11,879 2 10	1 1 3	669 6 0	209 15 3	860 4 3	.....	.....	.....	76 10 0
Manbhum	1,031 15 9	2,053 7 5	2,175 6 3	.....	4,228 13 8	28 8 8	.....	124 7 0	124 7 0	.....	.....	.....	202 2 0
Palamou	16,345 9 4	6,146 4 9	.....	.....	6,146 4 9	39 10 1	112 8 4	60 13 0	163 5 4	.....	.....	84 1 7	18 8 0
Singbhum	5,429 0 0	4,409 9 9	153 4 0	.....	4,562 13 9	.....	.....	117 4 3	117 4 3	.....	.....	.....	12 0 0
Total	68,123 11 6	34,855 7 0	2,507 11 4	.....	37,363 2 10	89 10 8	831 10 4	889 4 5	1,670 14 9	.....	.....	84 1 7	309 12 6
Chittagong Hill Tracts, Southal Parganas	10,054 15 6	.....	.....	.....	.....	.....	.....	60 15 0	60 15 0	.....	.....	.....	.....
Total	61,968 15 9	.....	.....	.....	.....	.....	.....	120 11 0	120 11 0	.....	.....	.....	111 0 0
GRAND TOTAL	1,27,113 11 3	34,855 7 0	2,507 11 4	.....	37,363 2 10	89 10 8	831 10 4	969 15 5	1,691 9 9	.....	.....	84 1 7	510 12 6

EXPENDITURE

DISTRICTS.	REFUNDS.			LAND REVENUE.	PROVINCIAL RATES.			INTEREST.	ADMINISTRATION.			MEDICAL.	STATIONERY.	MISCELLANEOUS.	
	Cess.	Other receipts.	Total.		Establishment and contingencies of Office of Collection.	Revaluation establishment.	Total.		Establishment and contingencies of Committee's Office.	Percentage cost of establishment for audit.	Total.			Miscellaneous.	Provident fund contribution.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
				Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Darjeeling	.....	.....	.....	.....	255 1 4	.....	255 1 4	.....	262 13 8	.....	262 13 8	.....	.....	.....	.....
Hazaribagh	.....	.....	.....	.....	685 11 9	.....	685 11 9	.....	363 13 11	.....	363 13 11	93 12 9	102 1 0	526 15 2	15 3 0
Ranchi	.....	.....	.....	.....	284 4 9	1,061 3 8	1,345 8 5	.....	234 7 0	.....	234 7 0	.....	217 13 9	79 0 0	2 3 0
Manbhum	.....	.....	.....	.....	285 8 4	1,367 9 6	1,652 11 10	.....	206 13 4	.....	206 13 4	.....	18 12 0	249 7 10	38 9 0
Palamou	.....	.....	.....	.....	280 3 8	1,888 10 2	2,168 13 10	.....	55 11 0	.....	55 11 0	.....	10 14 0	68 0 0	12 0 0
Singbhum	.....	.....	.....	.....	84 13 0	.....	84 13 0	.....	143 2 3	.....	143 2 3	.....	.....	531 1 4	3 0 0
Total	.....	.....	.....	.....	1,855 4 10	4,317 7 4	6,172 12 2	.....	1,266 13 8	.....	1,266 13 8	93 12 9	349 8 9	1,447 14 4	70 15 0
Chittagong Hill Tracts, Southal Parganas	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30 15 0
Total	.....	.....	.....	.....	137 15 3	.....	.....	.....	452 4 3	.....	452 4 3	.....	3 6 0	401 0 11	73 6 0
GRAND TOTAL	.....	.....	.....	.....	137 15 3	1,855 4 10	4,317 7 4	.....	1,719 1 11	.....	1,719 1 11	93 12 9	351 14 9	1,848 15 3	143 6 0

CALCUTTA,

The 6th September 1899.



## ROAD FUND.

Committees for the quarter ended 30th June 1899.

PTS.

WORKS.	Grants from Government.	Advances.	Deposits.	Loan from Government.	Provident Fund receipts.	Total receipts.	Balance of imprest in hands of Engineers and others—decreased.	Balance of uncashed cheques—increased.	Total receipts, including balance.	Outlay.	Balance in Treasury on 30th June 1899.
Total.											
15	16	17	18	19	20	21	22	23	24	25	26
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs.		Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
30 8 0	1,510 15 9	11,488 2 5	.....	.....	.....	14,390 3 9	.....	.....	42,540 6 1	22,168 15 3	20,190 6 10
76 10 3	590 7 9	2,297 2 0	.....	.....	.....	19,510 2 7	.....	.....	22,539 3 9	16,150 3 9	7,400 0 0
302 2 0	7,590 0 0	38 4 0	.....	.....	.....	12,600 3 7	.....	.....	17,930 2 6	8,380 15 6	9,512 3 0
102 9 7	506 14 7	185 2 5	1,124	6,000	.....	10,510 15 9	.....	.....	20,542 15 6	12,074 10 1	8,468 5 5
12 0 0	10,050 0 0	.....	136	.....	.....	8,968 12 4	.....	.....	23,304 5 8	6,074 8 10	16,329 12 10
		205 0 0	.....	.....	.....	15,083 2 0	.....	51 10 6	20,565 12 6	2,227 9 4	18,336 3 2
453 13 10	20,458 3 1	14,173 10 10	1,804	6,000	.....	62,043 8 0	.....	51 10 6	1,47,218 14 0	66,991 14 9	80,226 15 3
	12,076 0 0	.....	500	.....	.....	12,036 15 0	.....	.....	22,691 14 8	8,808 14 9	13,882 15 6
111 0 0	67,392 0 0	151 0 3	635	.....	.....	68,558 12 3	.....	.....	1,20,292 12 7	10,915 1 11	1,09,377 10 8
111 0 0	70,468 0 0	151 0 3	1,135	.....	.....	80,995 11 3	.....	.....	1,42,984 11 0	10,784 0 8	1,32,200 10 4
504 13 10	20,926 3 1	14,824 11 1	2,939	6,000	.....	1,63,036 3 3	.....	51 10 6	2,90,203 0 0	86,775 15 5	2,03,427 9 7

TURE.

Total.	Gratuitous relief in Government Institution.	PUBLIC WORKS.						Contribution from Local to Provincial.	Advances.	Deposit.	Total expenditure.	Balance of imprest in hands of Engineers, &c., increased.	Balance of uncashed cheques—decreased.	Total outlay.
		Original works.	Repairs.	Establishment.	Tools and plant.	Refund.	Total.							
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
2 2	.....	5,316 6 8	9,408 9 0	246 8 9	110 0 6	.....	12,981 3 11	.....	5,481 6 2	.....	18,980 9 1	.....	3,198 6 2	22,168 15 3
3 0	.....	507 6 9	3,629 2 2	1,627 13 0	.....	.....	6,794 5 11	.....	100 0 0	1,207	9,888 15 6	.....	3,270 4 3	16,150 3 9
9 10	.....	.....	1,030 6 1	1,954 8 0	.....	.....	2,954 11 1	.....	164 4 0	1,738	6,724 15 9	.....	1,637 18 9	8,386 15 6
6 0	.....	246 5 10	5,886 11 6	2,313 10 8	.....	.....	8,445 12 0	.....	225 0 0	703	11,000 2 0	18 8 6	1,455 15 7	12,074 10 1
1 10	.....	141 4 0	1,012 8 6	1,435 4 11	18 11 8	645 13 0	3,153 9 8	23 15 6	.....	150	5,623 6 0	.....	1,351 2 10	8,974 8 10
	.....	239 0 9	178 10 6	983 4 0	4 0 0	.....	1,415 8 3	.....	50 0 0	.....	2,227 9 4	.....	.....	2,227 9 4
12 13 10	.....	4,361 1 0	21,174 15 9	9,539 9 4	182 11 9	545 13 0	35,745 2 10	23 15 6	6,020 10 2	3,858	55,049 9 8	18 8 6	11,923 12 7	66,991 14 9
15 6	.....	.....	1,140 8 2	1,469 8 0	.....	.....	2,609 0 8	.....	.....	.....	2,630 15 3	.....	6,228 15 6	8,468 15 9
7 5	.....	2,442 10 4	660 10 6	3,357 9 8	40 9 6	.....	6,501 8 0	142 0 0	963 11 0	370	9,008 3 11	.....	1,917 14 0	10,915 1 11
6 8	.....	2,442 10 4	1,801 2 9	4,817 1 8	40 9 6	.....	9,101 8 3	142 0 0	963 11 0	370	11,643 2 2	.....	8,140 13 6	19,784 0 8
4 3	.....	6,903 11 4	22,978 2 6	14,347 11 0	178 8 3	645 13 0	44,046 11 1	165 15 6	6,964 5 2	4,238	66,003 12 10	18 8 6	20,081 10 1	86,775 15 5

W. H. MICHAEL,  
Offg. Accountant-General, Bengal.

# RESOLUTION ON THE ADMINISTRATION REPORT OF THE STATIONERY DEPARTMENT FOR 1898-99.

## FINANCIAL DEPARTMENT--MISCELLANEOUS.

*Calcutta, the 3rd October 1899.*

RESOLUTION No. 5720Mis.

### READ—

Letter No. 651B., dated the 23rd August 1899, from the Board of Revenue, submitting the Report on the Administration of the Stationery Department for the year 1898-99.

The following statement compares the value of the stocks, receipts and issues of the Stationery Office for the past two years:—

	1897-98.	1898-99.
	Rs.	Rs.
Value of stores at the beginning of the year ... ..	7,21,058	7,17,254
Loss (—) by re-valuing the opening balance at the issue rate of the year ... ..	—25,837	—24,364
Corrected value of stores ... ..	6,95,221	6,92,890
Value of stores received during the year ... ..	29,46,351	27,84,250
Total ... ..	36, 2,072	34,77,140
Value of stores issued during the year ... ..	29,41,253	28,32,062
Value of stores in stock at the close of the year ... ..	6,80,819	6,45,078
Gain (+) by valuing the stores in stock at the close of the years 1897-98 and 1898-99 at the issue rate of the year ... ..	+ 36,435	+ 55,555
Corrected value of stores at the close of the year ... ..	7,17,254	7,00,633

2. Compared with the figures of the previous year, the value of the stores received and issued during the year and that of the stores in stock at its close show a decrease of Rs. 1,42,101, Rs. 1,09,191 and Rs. 16,621 respectively. The decline in the receipts was mainly due to a falling off of Rs. 1,19,588 in the value of imported stores and of Rs. 27,047 in the value of country-made miscellaneous articles purchased locally. The decrease in the value of imported stores is attributed to the non-arrival from England of certain stores which were due during the year, and to the fall in the prices of English stores from competition and the rise in exchange; while that in the value of country-made miscellaneous articles purchased locally was due to smaller demand for them, to the reduction in the rates of some of the articles contracted for, and to the absence of any demand from staff and regimental officers on field service. There was an advance of Rs. 12,808 in the value of country-made paper. This increase, which occurred chiefly in half-bleached paper, coloured paper, blotting-paper, azure-laid and cream-laid papers, followed on an increased demand of the presses for printing forms.

3. The value of stores issued to Local Governments rose by Rs. 50,562, and all provinces except the Punjab and Burma contributed to the increase. The largest increase, amounting to Rs. 36,778, occurred in the North-Western Provinces and Oudh. The value of stationery consumed by the offices and departments of the Government of India fell off by Rs. 1,11,224. The fluctuations will, as usual, be explained in the reports on the consumption of stationery which the Superintendent of Stationery submits to the several Local Governments and Administrations. The issues to the Postal and Telegraph Departments fell off by Rs. 22,259.

4. The Lieutenant-Governor is pleased to learn that the stock of country-made articles at the close of the year was less than one month's consumption.

5. The quantity of water-marked paper issued for use with adhesive court-fee stamps diminished by 5,295 reams and its value by Rs. 17,209. The decrease occurred chiefly in the North-Western Provinces and the Punjab, the supplies to which declined by 2,435 and 2,536 reams respectively. A

decrease also occurred in Bengal and Assam, while the Central Provinces, the Hyderabad Assigned Districts, and the Native States of Orissa show an increase. The Superintendent is unable to assign any reason for these fluctuations, as the paper is supplied direct to Treasury Officers for sale to the general public according to their demands.

6. The income and expenditure of the Stationery Department amounted to Rs. 4,790 and Rs. 1,06,481, against Rs. 4,953 and Rs. 1,09,877, respectively, in the previous year. The decline in the charges is chiefly attributable to a decrease under the heads "Establishment" and "Packing cases." The diminution under the last-named head was caused by the despatch of a smaller quantity of water-marked paper to the North-Western Provinces and Oudh.

7. The total value of different articles of stationery issued, exclusive of deficiencies in stock-taking and miscellaneous adjustments, fell off by Rs. 1,15,003. The decrease is attributable mainly to smaller demands of the Survey and Settlement Department, the Public Works Department, the Quarter-master-General in India, and the State Railways for drawing and lithograph papers and pencils, and of the Government Presses for writing and coloured papers, wax-cloth, paste, mill and straw boards and leather; to the issue of a smaller quantity of water-marked paper, and to the absence of demands from the staff and regimental officers on field service. The principal decreases occurred under writing-paper (Rs. 61,253), lithograph paper (Rs. 17,126), water-marked paper (Rs. 17,136), leathers (Rs. 27,039), and other articles (Rs. 13,725). On the other hand, there was a noticeable increase under printing paper (Rs. 36,332) and tracing cloth (Rs. 13,274).

8. The supply of paper to the various Government Presses rose by Rs. 23,307, and all the presses, with the exception of the Government of India Presses and the presses in the Punjab and Burma, contributed to the increase. The largest decrease, amounting to Rs. 46,058, occurred in the consumption of the Government of India Presses. In Bengal the quantity consumed fell off by 571 reams, but the value rose by Rs. 17,003. The causes which led to this increase will be explained by the Superintendent in his report on the consumption of stationery and printed forms in Bengal. The fluctuations in the demands of the other presses cannot be explained by him, as they are not under his control.

9. The substitution of country-made for European paper resulted in a net loss of Rs. 61,702, while the substitution of country-made miscellaneous articles for articles of European manufacture effected a net gain of Rs. 5,820. The use of country-made paper of the descriptions known as white printing, badami or half-bleached, blotting, white cartridge, brown glazed, coloured, badami cartridge, cream-wove and azure-laid resulted in a loss during the year of no less than Rs. 1,70,123. The Superintendent has submitted an alternative statement showing that if all the charges incidental to the landing, storage, and despatch of English papers to distant places up-country were taken into account, there would be a net gain on all paper of Rs. 63,629 instead of a loss. In accordance with the orders contained in paragraph 9 of the Resolution on the Administration Report of the Stationery Department for 1897-98, the Standing Committee, appointed to consider the questions that from time to time arise in connection with the substitution of country-made for English stationery and the settling of contracts for Indian-made stationery, met on the 25th March 1899 to determine whether the seven kinds of paper under which there was a loss during that year should be obtained from England. In consequence of the stock in the Stationery Office being small, and the delay which was likely to occur in obtaining supplies from England, and the want of sufficient storage accommodation, the Committee was obliged to accept the tenders of the Indian mills for the current year, but the question of the future supply must be immediately settled.

10. The system of supplying newspapers and periodicals through the Stationery Office appears to have worked well during the year. There was a slight decrease in the number of periodicals, but newspapers, books and maps and exercise-books rose by 404, 5,351 and 22,299, respectively. The total payment for the newspapers, &c., amounted to Rs. 1,32,649, against Rs. 84,420 in the previous year. The increase is said to be mainly due to larger demands

for newspapers, &c., and to the payment in advance in sterling for foreign periodicals.

11. The details of the work in the Form Branch will, as usual, be furnished in the report on the consumption of stationery in Bengal, and will be reviewed when that report is received. The receipts and issues of standard and special forms, exclusive of the survey and settlement forms printed and supplied direct by the Superintendent of Government Printing, Bengal, show a considerable increase as compared with the previous year. The advance in the receipts was due to the larger demands of local officers, and to the receipt during the year of certain forms which were due in 1897-98 and of over seven millions of High Court forms which were not due until 1899-1900. The increase in the issues is mainly attributable to these causes.

12. The receipts and charges of the Form Branch amounted to Rs. 35,385 and Rs. 47,470, against Rs. 37,763 and Rs. 47,637 respectively. The decrease in the receipts was due to a smaller demand for forms by the Local Funds in Bengal and Assam, while that in the charges is attributable to reduced expenditure under the head "Contingencies."

ORDER.—Ordered that a copy of the Resolution be forwarded to the Board of Revenue for information.

Ordered, also, that a copy of the Resolution, with a copy of the Report, be submitted to the Government of India in the Department of Finance and Commerce, for information.

Ordered, also, that a copy of the Resolution be forwarded to the Superintendent of Government Printing, Bengal, for information.

By order of the Lieutenant-Governor of Bengal,

E. N. BAKER,

*Offg. Secy. to the Govt. of Bengal.*

WEATHER AND CROP REPORT.

For the week ending the 2nd October 1899.

**Burdwan.**—Rainfall at Sadar 4·85, Kalna ·54, Katwa ·75, Raniganj 1·80. Weather seasonable. Harvesting of *aus* going on. *Aman* doing well. Fodder and water sufficient. Cattle-disease in Katwa decreasing rapidly. Common rice selling as follows:—

				Srs.	} per rupee.
Sadar	...	...	...	15	
Kalna	...	...	...	14½	
Katwa	...	...	...	16	
Raniganj	...	...	...	14	

**Birbhum.**—Rainfall at Sadar 3·51, Rampur Hât 5·29. Weather hot. Prospects of paddy good. Price of common rice at Sadar and Rampur Hât 15 seers per rupee. Fodder sufficient.

**Bankura.**—Rainfall at Bankura nil, Vishnupur 4·45. Weather fair. Harvesting of *aus* going on. Lands being prepared in places for *rabi* crops. Fodder and water sufficient. No cattle-disease reported. Price of common rice at Bankura 17½ seers and at Vishnupur 16 seers per rupee.

**Midnapore.**—Rainfall at Sadar 4·65, Contai ·90, Tamluk 3·85, Ghatal 1·45. Weather seasonable. Every prospect of a bumper paddy crop, the late storm having done great good and no damage, except in a small circuit in Ghatal. Cattle-disease reported from Salbani and Jhargram. Grass-hoppers reported from Debra. Common rice sells as follows:—

				Srs. ch.	} per rupee.
Sadar	...	...	...	16 0	
Contai	...	...	...	17 0	
Tamluk	...	...	...	14 3½	
Ghatal	...	...	...	15 0	

**Hooghly.**—Rainfall at Sadar ·73, Serampore ·47, Jahanabad 1·08. Harvesting of *aus* and jute continues. *Aman* doing well. Common rice sells at 14 seers 2 chitaks per rupee.

**Howrah.**—Rainfall at Sadar 1·18, Ulubaria 1·80. Weather hot. Harvesting of *aus* nearly over. Transplantation of *aman* finished. Jute and sugarcane doing well. Fodder and water sufficient. Common rice sells at 14½ seers per rupee.

**24-Parganas.**—Rainfall at Sadar ·02, Barasat ·42, Basirhat ·31, Diamond Harbour ·70. Weather seasonable. Prospects of standing crops fair. Transplantation of *aman* finished. Harvesting of *aus* over in places. Steeping of jute and its fibre extracting going on. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	} per rupee.
Sadar	...	...	...	13	
Barasat	...	...	...	15	
Basirhat	...	...	...	14	
Diamond Harbour	...	...	...	14	

**Nadia.**—Rainfall at Sadar 1·29, Kushtia 1·05, Meherpur 1·40, Ohuadanga ·95, Ranaghat 1·22. Weather seasonable. Prospects of *aman* good. Land being cultivated for *rabi* crops. Fodder and water sufficient. Price of common rice stationary.

**Murshidabad.**—Rainfall at Sadar 3·18, Jangipur 7·12, Kandi 3·80. Weather hot. Harvesting of *bhadoi* nearly finished. Prospects of *aman* good. Sugarcane and mulberry doing well. Sowing of *kalai* still continues. Cow-pox prevalent in thana Barwan. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	} per rupee.
Sadar	...	...	...	14	
Jangipur	...	...	...	15	
Kandi	...	...	...	18½	

**Jessore.**—Rainfall at Sadar ·38, Jhenida ·03, Magura nil, Narail ·68, Bangaon ·18. Weather seasonable. Harvesting of *aus* paddy and jute nearly finished. Prospects of standing crops good. Cultivation of winter crops going on. No cattle-disease reported. Rivers going down. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar	...	...	...	17	} per rupee.
Jhenida	...	...	...	16	
Magura	...	...	...	17	
Narail	...	...	...	17½	
Bangaon	...	...	...	20	

**Khulna.**—Rainfall at Sadar ·55, Bagerhat ·32, Satkhira ·69. Weather hot with scanty rainfall. Harvesting of *aus* over. Transplantation of *aman* nearly completed. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar	...	...	...	17½	} per rupee.
Bagerhat	...	...	...	16	
Satkhira	...	...	...	16	

**Rajshahi.**—Rainfall at Sadar 4·26, Nator 1·07, Naugawn 1·47. Prospects of crops good. Harvesting of *bhadoi* continues. No cattle-disease. Fodder and water available. Common rice sells at 18 seers per rupee.

**Dinajpur.**—Report not received.

**Jalpaiguri.**— Ditto.

**Darjeeling.**—Rainfall at Darjeeling 24·70, Kalimpong 13·96, Siliguri 5·78. Weather seasonable except heavy rain on the night of 24th September causing serious damages. *Hills*—*Haimanti* and *bhadoi* paddy, *chota* and *bara marua*, *kalai* and *phaphar* doing well. *Terai*—Washing of jute commenced; *bhadoi* reaped; transplantation of *haimanti* finished; prospects good. Coarse rice sells as follows:—

				Srs.	
Hills	...	...	...	8	} per rupee.
Terai	...	...	...	17	

*Bhutta* sells at Darjeeling 16 seers and at Kalimpong 25 seers per rupee.

**Rangpur.**—Report not received.

**Bogra.**—Average rainfall 1·40. Washing of jute going on. Prospects of winter rice good. In some low lands loss by heavy rain is being made good by re-transplantation. Common rice selling at 18 seers per rupee. Fodder and water ample.

**Pabna.**—Rainfall at Sadar nil, Sirajganj ·78. Weather very hot. Prospects good, but rain wanted. Common rice 15 seers 2½ chitaks per rupee.

**Dacca.**—Rainfall at Sadar ·27, Manikganj ·23, Munshiganj ·64, Narainganj ·31. Weather seasonable. Prospects of standing crops good. Fodder available. No cattle-disease. Price of common rice stationary.

**Mymensingh.**—Rainfall at Sadar ·13, Tangail ·46, Kishorganj 1·93, Netrokona 1·36, Jamalpur 2·30. Weather damp, warm. Prospects of crops good. Condition of cattle good. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar	...	...	...	18	} per rupee.
Netrokona	...	...	...	17	
Kishorganj	...	...	...	16	
Tangail	...	...	...	16	
Jamalpur	...	...	...	13½	

**Faridpur.**—Rainfall at Sadar ·27, Goalundo ·46, Madaripur 1·33. Weather seasonable. State and prospects of crops good. Common rice sells at 17 seers per rupee.

**Backergunge.**—Rainfall at Sadar ·20. Weather seasonable. Prospects of crops fair. Common rice sells at 14 seers (*aman*) and 16 seers (*aus*) per rupee.

**Tippera.**—Rainfall at Sadar ·10, Brahmanbaria ·26, Chandpur ·63. Weather seasonable. Jute cutting in progress. Prospects of *aman* continue favourable. Average price of common rice 17 seers per rupee.



**Noakhali.**—Rainfall at Sadar '60, Feni '26. Prospects of crops fair. Transplantation of *aman* nearly finished. Lands being ploughed for *rabi* crops. Cattle-disease at Chagalnaya. Fodder and water good. Common rice (*aman*) 15 seers 5 chitaks and (*aus*) 18 seers per rupee.

**Patna.**—Rainfall at Sadar 1'24, Bihar 4'50, Barh 3'78, Dinapore 2'66, Bikram 1'40, Hilsa 4'5. Harvesting of *marua* and Indian-corn completed. Prospects of paddy much improved by the late rain. The rain will also facilitate preparing the fields for *rabi*. Fodder and water for cattle plentiful. Common rice in Patna sells at 16 seers per rupee.

**Gaya.**—Report not received.

**Shahabad.**— Ditto.

**Saran.**—Rainfall at Sadar '50. Weather seasonable. Prospects of paddy good. Fields are being ploughed for *rabi* and sowings will soon commence. Average price of common rice 13 seers 5 chitaks and *makdi* 17 seers 1 chitak per rupee.

**Champan.**—Report not received.

**Muzaffarpur.**— Ditto.

**Darbhang.**—Rainfall at Sadar 1'83, Madhubani 1'23. Weather hot and sultry. Prospects of standing crops good. Fodder and water sufficient. No cattle-disease reported. Common rice selling at Sadar 12½ seers per rupee.

**Monghyr.**—Rainfall at Monghyr 5'23, Begusarai 3'25, Jamui 3'82. Nights cool Days still hot. *Aghani* rice is of great promise. Prospects of sugarcane good. Lands being prepared for *rabi*. *Rahar* and *kurthi* doing well. Common rice sells as follows:—

	Srs.	Ch.	
Monghyr	...	...	13 10
Begusarai	...	...	12 4
Jamui	...	...	18 8

} per rupee.

**Bhagalpur.**—Weather fine and seasonable. Rainfall at Sadar nil, Banka 13'06, Madhipura 11'30, Supaul 9'45. The heavy rain at the subdivisions was that of cyclonic storm of the previous week which has caused loss of life and houses in thana Colgong and outpost Dhuraya. Flood has caused some damage to winter rice crop, otherwise prospects favourable. Sporadic cattle-disease in Madhipura and Pertabganj. Common rice sells as follows:—

	Srs.	Ch.	
Sadar	...	...	15 2
Banka	...	...	13 12
Madhipura	...	...	14 0
Supaul	...	...	18 0

} per rupee.

**Purnea.**—Rainfall at Sadar nil, Kishanganj 6'50, Araria 11'50. Weather seasonable. Harvesting of *bhadoi* and transplantation of winter paddy almost finished. Standing crops flourishing. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	...	18
Kishanganj	...	21
Araria	...	20

} per rupee.

**Malda.**—Report not received.

**Sonthal Parganas.**—Weather fine since storm of last week. *Aman* paddy flourishing everywhere, the rain having done immense good. Local flood in Godda drowned some cattle and injured some paddy. Some cattle-disease in Rajmahal and Godda. Common rice sells at 14 seers and Indian-corn 19 seers per rupee on an average.

**Cuttack.**—Rainfall nil. Weather seasonable and hot. *Sarad*, sugarcane, *nawbirhi*, turmeric and *arhar* growing. *Beali* being harvested. *Sarad* being damaged by insects and for want of rain. Rain wanted everywhere. Condition of cattle generally good. Fodder and water sufficient. Common rice sells as follows:—

	S.	CH.	
Cuttack	...	...	14 7
Jajpur	...	...	17 1
Kendrapara	...	...	21 0
Banki	...	...	15 13

} per rupee.

**Balasore.**—Rainfall nil. Weeding of *sarad* continues. *Aus* being harvested. Winter rice crop and sugarcane thriving well. Rice sells at 18½ seers per rupee in the interior, and at 17 and 18 seers per rupee at Balasore and Bhadrak respectively. Cattle-disease reported from places. Fodder sufficient.

**Angul.**—Rainfall nil. Weather clear and hot. Slight local showers in two parganas. High-land paddy again suffering. Low-land paddy still good. More rain wanted. *Beali* being harvested. *Rabi* sowing in progress. Common rice sells at 16 seers per rupee. *Khondmals*. No rain. *Atodhan* being reaped. Prospects of winter paddy bad again. Common rice sells at 12 seers per rupee. Cowpox raging in some places.

**Puri.**—Rainfall at Sadar nil, Khurda 24. Weather hot. Want of rain much felt. *Laghu* paddy damaged to a great extent for want of rain. *Sarad* growing. Insect-pests also causing damage to paddy crops in some parts. *Beali* and *mandia* being harvested. *Kurthi* being sown. Prospects of sugarcane, *arhar*, and other miscellaneous crops good. Fodder sufficient. Cattle-disease reported from some places. Common rice sells as follows:—

				Srs. ch.	
Sadar	...	...	...	12 7	} per rupee.
Khurda	...	...	...	13 2	
Interior of district	...	...	...	14 7	

**Hazaribagh.**—Rainfall at Sadar nil, Giridih 1·66. Weather seasonable. More rain badly wanted. Common rice sells at 12½ seers per rupee.

**Ranchi.**—Rainfall nil. Weather hot and dry. Paddy crops suffering from the drought. Prospects fair in east and south of district, elsewhere poor. Rice sells at Ranchi 13 seers per rupee, and in the interior 15 seers. No cattle-disease. Fodder and water sufficient.

**Palamau.**—Report not received.

**Manbhum.**—Rainfall at Sadar 6·20, Gobindpur 1·79. Weather seasonable. *Bhadoi* crops fair. Average crop of winter rice expected. Cattle-disease reported from thanas Gobindpur, Topchanchi, Nirsa, Tundi, Purulia, and Para. Fodder and water sufficient. Average price of common rice at Sadar 14 seers 14 chitaks and Gobindpur 13 seers per rupee. Supply sufficient.

**Singhbhum.**—Rainfall 64. Rain badly wanted for winter rice crop, which is beginning to suffer for want of moisture. Common rice sells at 16 seers 14 chitaks per rupee. Great scarcity certain in west of district.

**General Summary.**—Rain is reported to have fallen generally in Bengal Proper and Bihar, but there was practically none in Orissa and Chota Nagpur during the week. Heavy rain has caused considerable damage in Darjeeling, and some local damage in Bhagalpur and the Sonthal Parganas. The general prospects of the crops continue favourable, except in Orissa and Chota Nagpur. The reports from Angul, Puri, Palamau, and Singhbhum are very unsatisfactory. The harvesting of the autumn crops is being rapidly completed, and the preparation of the fields for the spring crops is being carried on. The price of common rice is reported to have risen in Darjeeling, Cuttack, Puri, Angul, and Hazaribagh; elsewhere it is practically stationary. Cattle-disease continues to be reported from a few districts. Fodder is generally sufficient.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT,  
The 3rd October 1899.

Results of the Meteorological Observations taken at the Alipore Observatory from  
24th to 30th September 1899.

Month	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1899.				Inches.	°	°		°	°	Inches		%			Inches.	
Sept.	24th	145.0	4.0	29.659	82.3	88.6	11.9	76.7	78.9	0.944	77.5	86	WSW and SSW ...	160	0.16	Day chiefly cloudy, night clear, o. p.
"	25th	145.1	7.7	795	84.4	92.4	12.9	79.5	80.1	0.970	78.3	83	SSW and W ...	71	Nil	Chiefly clear, d.
"	26th	147.1	9.1	804	83.9	92.7	15.5	77.2	79.4	0.944	77.5	83	W and WNW ...	57	"	Clear, d.
"	27th	145.4	5.9	828	84.0	92.4	14.2	78.2	80.1	0.977	78.5	85	WNW and W by S.	69	"	Partially cloudy, d.
"	28th	146.5	6.2	818	83.6	90.4	12.0	78.4	79.1	0.933	77.1	82	W by S, NNW, and calm.	85	"	Partially cloudy, d.
"	29th	146.0	6.4	814	83.2	91.1	14.1	77.0	78.7	0.925	76.9	83	NNW and calm...	48	"	Partially cloudy, d.
"	30th	138.4	2.1	802	82.4	90.3	10.9	79.4	79.3	0.932	78.7	89	Calm and variable	20	0.02	Day chiefly cloudy, night clear, o. d.

The mean pressure of the seven days

The average pressure of the corresponding period for 24 years, Surveyor-General's Office

Inches.  
29.789

The total number of hours of bright sunshine

The maximum possible number of hours of sunshine

29.738

Hours.

41.4

83.9

The mean temperature of the seven days

The average temperature of the corresponding period for 24 years, Surveyor-General's Office

83.4

The extreme variation of temperature

The maximum temperature

83.1

16.0

92.7

The highest velocity of the wind in one hour

Miles.

14

The mean relative humidity

The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office

84

The total fall of rain from 24th to 30th September 1899

The average fall of the corresponding period for 24 years, Surveyor-General's Office

Inches.

0.18

The total fall from 1st January to 30th September 1899

The average fall of the corresponding period for 24 years, Surveyor-General's Office

1.76

68.95

The mean pressure, temperature, &amp;c., are deduced from the traces of the Barograph and Thermograph.

58.82

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o, overcast; p, passing temporary showers; d, drizzling rain.

METEOROLOGICAL OFFICE, GOVT. OF INDIA,

Calcutta, the 2nd October 1899.

G. W. KÜHLER,

For Meteorological Reporter to the Govt. of India.

## IRRIGATION DEPARTMENT, —BENGAL.

Statement showing heights over mean sea-level and low-water in the rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra, for the month of August 1899.

RIVER GANGES.																								RIVER BHAGIRATHI.		RIVER JALANGI.		RIVER BRAHMAPUTRA.																																																																																																																																																																																																																																																																																																																																							
Minsapur.				Benares.				Buxar.				Dinapore.				Monghyr.				Sahibganj.				Rampur Boalia.				Goalundo.		Barhampore.		Sarupganj.		Gauhati.																																																																																																																																																																																																																																																																																																																																	
Miles.	From Allahabad ... 90	Height over mean sea-level.	From Allahabad ... 124	Height over mean sea-level.	From Benares ... 6	Height over zero of gauge.	From Benares ... 90	Height over mean sea-level.	From Benares ... 177	Height over zero of gauge.	From Benares ... 47	Height over mean sea-level.	From Benares ... 397	Height over zero of gauge.	From Benares ... 110	Height over mean sea-level.	From Benares ... 361	Height over zero of gauge.	From Benares ... 94	Height over mean sea-level.	From Benares ... 471	Height over zero of gauge.	From Benares ... 90	From Benares ... 891	From Benares ... 180	Height over zero of gauge.	Height over mean sea-level.	From Benares ... 180	Height over zero of gauge.	Height over mean sea-level.	From Benares ... 180	Height over zero of gauge.	Height over mean sea-level.	From Benares ... 180	Height over zero of gauge.	Height over mean sea-level.	From Benares ... 180	Height over zero of gauge.	Height over mean sea-level.	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CALCUTTA,  
The 3rd October 1899.A. H. C. MACARTHY,  
Under-Secy. to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

*Approximate Return of Traffic for the week ending Saturday, the 30th September 1899, as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 30TH SEPTEMBER 1899.			WEEK ENDING SATURDAY, THE 1ST OCTOBER 1899.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy	1,200	1,45,510	2,326	887	1,80,915	1,956
Jute	169	61,975	950	199	53,175	859
Firewood	65	43,175	655	82	58,200	896
Other articles	677	1,33,540	1,647	782	1,76,848	2,378
Total	2,111	3,84,500	5,578	1,900	4,69,138	6,089

## IRRIGATION DEPARTMENT,—BENGAL.

Statement showing heights over mean sea-level and low-water in the rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra, for the month of August 1892.

River Ganges.																								River Bhagirathi.		River Jalangi.		River Brahmaputra.							
Mirzapur.				Benares.				Buxar.				Dinapore.				Monghyr.				Sahibganj.				Rampur Bostia.				Goutundo.		Berhampore.		Saraipali.		Gauhati.	
From Allahabad ... 64		From Allahabad ... 134		From Mirzapur ... 46		From Benares 90		From Benares 177		From Benares 97		From Benares 267		From Dinapore 110		From Benares 381		From Monghyr 04		From Benares 471		From Sahibganj 90		From Benares 591		From Benares 130									
Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24												
1st	24.33	23.56	23.05	22.56	22.50	22.40	194.05	30.40	164.63	29.75	94.75	23.55	65.35	21.75	30.69	62.38	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00					
2nd	22.50	22.72	22.43	22.00	21.90	21.67	192.47	29.40	163.03	29.75	94.42	23.70	65.35	21.75	30.69	62.38	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00					
3rd	21.00	22.72	22.43	22.00	21.90	21.67	190.78	28.40	162.43	29.75	93.63	23.70	65.35	21.75	30.69	62.38	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00					
4th	20.00	22.72	22.43	22.00	21.90	21.67	188.28	27.80	162.03	29.75	93.63	23.70	65.35	21.75	30.69	62.38	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00	29.70	24.00					
5th	18.83	22.55	22.43	22.00	21.80	21.58	187.88	27.00	161.23	29.75	92.33	23.55	64.55	21.67	30.61	61.57	29.50	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
6th	18.83	22.55	22.43	22.00	21.80	21.58	186.80	27.10	160.53	29.75	92.33	23.55	64.55	21.67	30.61	61.57	29.50	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
7th	17.00	22.55	22.43	22.00	21.80	21.58	184.90	27.10	159.73	29.75	90.75	23.55	63.55	21.60	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
8th	16.50	22.55	22.43	22.00	21.80	21.58	184.63	26.50	159.13	29.75	89.50	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
9th	16.00	22.55	22.43	22.00	21.80	21.58	184.05	26.10	158.53	29.75	88.25	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
10th	14.50	22.55	22.43	22.00	21.80	21.58	183.78	25.40	157.73	29.75	87.00	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
11th	14.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	86.25	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
12th	13.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	85.50	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
13th	13.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	84.75	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
14th	12.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	84.00	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
15th	12.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	83.25	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
16th	11.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	82.50	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
17th	11.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	81.75	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
18th	10.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	81.00	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
19th	10.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	80.25	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
20th	9.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	79.50	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
21st	9.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	78.75	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
22nd	8.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	78.00	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
23rd	8.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	77.25	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
24th	7.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	76.50	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
25th	7.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	75.75	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
26th	6.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	75.00	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
27th	6.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	74.25	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
28th	5.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	73.50	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
29th	5.00	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	72.75	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					
30th	4.50	22.55	22.43	22.00	21.80	21.58	183.58	25.40	157.73	29.75	72.00	23.55	62.55	21.59	30.44	60.48	29.40	23.70	23.55	23.40	23.25	23.10	22.95	22.80	22.65	22.50	22.35	22.20	22.05	21.90					

Calcutta,  
The 3rd October 1892.A. H. C. MACARTHY,  
Under-Secy. to the Govt. of Bengal.



CIRCULAR AND EASTERN CANALS.

*Approximate Return of Traffic for the week ending Saturday, the 30th September 1899,  
as compared with the corresponding week of the previous year.*

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 30TH SEPTEMBER 1899.			WEEK ENDING SATURDAY, THE 1ST OCTOBER 1899.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
	No.	Mds.	Rs.	No.	Mds.	Rs.
Rice and paddy ...	1,200	1,45,510	2,326	887	1,80,915	1,956
Jute ...	169	61,975	950	199	53,175	859
Firewood ...	65	43,175	655	82	58,200	896
Other articles ...	677	1,33,540	1,647	732	1,76,848	2,378
Total ...	2,111	3,84,500	5,578	1,900	4,69,138	6,089

## EASTERN BENGAL STATE RAILWAY.

*Abstract of Principal Commodities carried over the Eastern Bengal State Railway during the month of July 1899, as compared with the same month of the previous year.*

STAPLES.	1899.		1898.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1899.	1898.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Coal and Coke carried for the Public and Foreign Railways.	8,174	9,908	6,550	13,739	13,173	20,288	..	7,116
Cotton, raw .....	4	45	21	193	49	210	..	167
Cotton, manufactured—								
Twist and yarn, European .....	251	..	228	..	231	236	26	..
Ditto, Indian .....	171	92	201	104	263	305	..	162
Piece-goods, European .....	1,138	4	1,870	3	1,143	1,873	..	731
Ditto, Indian .....	16	2	28	..	17	28	..	11
Drugs and Chemicals—								
Intoxicating, other than opium .....	7	4	6	16	11	22	..	11
Non-intoxicating—								
Cinchona bark .....	8	..	70	..	6	70	6	..
Others .....	83	0	..	..	89	..	19	..
Dyes and Tans—								
Indigo .....	..	..	..	..	..	..	..	..
Myrabolams .....	11	..	19	..	11	19	..	8
Cutch .....	13	92	16	856	104	571	..	467
Turmeric .....	..	..	..	..	..	..	..	..
Alizarine and aniline dyes	..	..	..	..	..	..	..	..
Al (Morinda Citrifolia) .....	8	7	13	3	15	16	..	1
Others .....	..	..	..	..	..	..	..	..
Grain and pulse—								
Wheat .....	34	740	13	26	774	53	730	..
Paddy .....	1,070	1,511	1,014	2,044	2,581	4,068	..	1,477
Rice .....	2,141	1,589	2,890	2,290	4,080	4,880	..	800
Jowar and bajra .....	1,396	4,849	1,268	2,648	2,235	3,916	2,310	..
Gram and pulse .....	3	357	252	220	360	481	..	121
Others .....	..	..	..	..	..	..	..	..
Hides and skins—								
Hides of cattle—								
Dressed or tanned .....	13	213	55	945	225	1,000	..	775
Raw .....	..	..	..	..	..	..	..	..
Skins of sheep, &c.—								
Dressed or tanned .....	1	51	..	4	23	4	48	..
Raw .....	..	2	..	..	2	..	2	..
Horns .....	..	..	..	..	..	..	..	..
Hemp and other fibres	..	..	..	..	..	..	..	..
Jute—								
Raw .....	63	10,463	380	6,137	10,846	6,526	4,020	..
Gunny-bags and cloth .....	747	337	396	243	1,104	683	416	..
Lac—								
Stick .....	..	3	..	11	3	11	..	8
Shell .....	..	..	..	..	..	..	..	..
Leather, manufactured .....	9	..	14	..	9	14	..	5
Liquors—								
Ale and beer .....	24	..	34	..	24	34	..	10
Spirits of all kinds, including country spirits	3	..	5	..	2	6	..	3
Wines .....	58	26	73	1	96	74	22	..
All other sorts, including toddy and fermented liquor, other than ale and beer.	..	..	..	..	..	..	..	..
Metals—								
Copper, unwrought .....	..	..	17	..	..	17	..	17
Brass, ditto .....	..	..	6	..	5	6	..	1
Copper, wrought .....	76	49	136	48	123	177	..	54
Brass, do. .....	7	40	34	6	47	40	7	..
Iron and steel {								
unwrought .....	507	94	946	11	601	977	..	376
wrought .....	216	3	291	14	218	305	..	87
manufactures of .....	74	21	126	29	96	167	..	63
Others .....	..	..	..	..	..	..	..	..
Oils—								
Kerosine .....	9,220	8	8,810	123	9,237	8,931	286	..
Castor .....	2	..	7	..	2	7	..	5
Cocconut .....	106	..	163	..	106	153	..	49
Mustard and rape .....	186	10	169	7	198	176	22	..
Others .....	23	..	85	11	86	96	..	10
Oilseeds—								
Linseed .....	..	1,435	..	1,670	1,435	1,670	..	235
Rape and mustard .....	129	1,043	375	670	1,202	1,043	747	..
Til or linjil .....	3	134	..	917	137	917	..	780
Poppy .....	..	..	..	..	..	..	..	..
Earthnuts .....	..	..	..	..	..	..	..	..
Castor .....	..	..	..	..	..	..	..	..
Others .....	..	2	..	..	2	..	2	..
Opium .....	..	9	116	132	8	246	..	238
Paper and pasteboard .....	64	264	142	223	236	265	..	29
Provisions—								
Ghee .....	65	16	46	1	49	47	..	..
Dried fruits and nuts .....	..	..	..	..	..	..	..	..
Others .....	649	389	1,091	602	666	1,753	..	916
Railway plant and rolling-stock carried for the Public and Foreign Railways—								
Locomotives, engines, and tenders and parts thereof.	7	..	..	..	7	..	7	..
Carriages and trucks and parts thereof .....	..	..	..	..	..	..	..	..
Materials—								
Steel rails and fish-plates, sleepers, and keys of steel and cast-iron.	226	..	..	..	222	..	232	..
Other sorts .....	14	..	..	..	14	..	1,312	..
Salt .....	272	247	51	1	512	52	430	..
..	1,166	2,797	6,405	66	2,753	5,461	..	1,706

**SUPPLEMENT TO THE CALCUTTA GAZETTE, OCTOBER 4, 1899. 1743**

STAPLES.	1899.		1900.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1899.	1900.		
Saltpetre, &c.—								
Saltpetre								
Other saline substances	1		5		1	5		4
Silk, raw—								
Foreign								
Indian								
Silk piece-goods—		9	15		9	15		6
Foreign								
Indian—								
Muga								
Kodi								
Spices—								
Black-pepper	487	181	308	505	584	900		403
Pepper	31		43		21	43		12
Ginger		60		38	60	38		22
Chilies	25	84	8	248	100	246	22	137
Cardamoms		43		19	43	19		24
Others	70	17	96	267	127	283		256
Lime and lime-stone	661	1,230	940	2,595	1,911	2,535		1,034
Sugar—								
Refined or crystallised, including sugar-candy.	237		474		237	474		237
Unrefined, viz., molasses and jagghery or gur, and other saccharine produce.	1,161	276	1,400	410	1,437	1,900		463
Tea—								
Foreign								
Indian	7	4,023		5,178	4,630	5,178		548
Timber	23	112	294	137	204	431		227
Tobacco—								
Unmanufactured								
Manufactured—	68	2,800	113	2,741	2,448	2,854		206
Cigars								
Other sorts			4			4		4
Wool, raw								
Wool, manufactured—		31		48	31	48		17
Carpets and rugs								
Piece-goods, European								
Ditto, Indian	7		5		7	5		2
Other sorts								
All other articles of merchandise	4,340	2,334	5,563	2,078	6,674	3,511		1,867
<b>Total</b>	<b>80,523</b>	<b>49,304</b>	<b>41,432</b>	<b>50,123</b>	<b>79,827</b>	<b>91,554</b>	<b>10,739</b>	<b>21,405</b>

Calcutta, the 30th September 1899.

H. STEWART,  
Examiner of Accounts.

## Weekly Return of Traffic Receipts on Indian Railways.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for the week ended 16th September 1899, on 1,710·53 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	(a) 820,288	Rs. A. P. (a) 3,41,060 0 0	Mds. S. 44,72,616 10	Rs. A. P. (b) 8,51,694 1 0	Rs. A. P. 29,887 0 0	Rs. A. P. 12,15,610 1 0	96,491	168,055	264,546
Or per mile of railway ...	.....	190 6 8	.....	407 14 6	13 5 10	710 10 7	.....	.....	.....
For previous 10½ weeks of half-year ...	*3,270,311	*32,27,255 15 0	†4,05,70,693 0	†70,29,407 8 0	‡2,28,678 0 0	‡1,04,85,541 7 0	‡803,764	‡1,531,806	‡2,335,570
Total for 11½ weeks ...	3,890,599	35,68,510 15 0	4,50,43,304 10	78,51,991 0 0	2,51,535 0 0	1,17,00,951 8 0	1,039,245	1,659,061	2,698,306
COMPARISON.									
Total for corresponding week of previous year ...	279,317	2,91,439 3 5	30,82,012 10	6,29,085 13 0	16,767 12 6	9,30,262 13 5	91,554	148,825	240,379
Per mile of railway corresponding week of previous year ...	.....	170 14 9	.....	368 5 3	9 13 7	540 1 7	.....	.....	.....
Total for corresponding 11½ weeks of previous year ...	3,305,480	33,23,363 15 6	4,23,60,330 30	77,71,613 5 11	2,30,314 13 3	1,13,30,181 2 8	1,033,475	1,730,143	2,763,618

(a) The increase is due to the pilgrim traffic from stations in A, L and B districts to Gya and Baidyanath, and to the running of six extra troops and mule special trains from N. W. Railway to Howrah and Bombay.

\* Added No. of passengers 1,143 and Rs. 11,878 } on account of difference between the approximate and audited figures for the week ended 5th August 1899.

† Do. Mds. 2,74,972 and 4,553 } on account of difference between the approximate and audited figures for the week ended 5th August 1899.

‡ Do. ditto 219 } on account of difference between the approximate and audited figures for the week ended 5th August 1899.

§ Rs. 2,30,731.—Added on account of rebate on coal deducted from previous returns up to 9th September 1899.

|| Rs. 81,331.—Do. on account of mileage and demurrage not having been included in previous returns up to 9th September 1899.

¶ Audited figures up to the week ended 5th August 1899.

## EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 23rd September 1899 on 1,710·53 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	(a) 333,144	Rs. A. P. (a) 3,46,521 10 0	Mds. S. (b) 44,94,398 20	Rs. A. P. (b) 9,05,001 13 0	Rs. A. P. 22,749 0 0	Rs. A. P. 12,75,232 7 0	98,740	172,704	271,444
Or per mile of railway ...	.....	202 9 4	.....	529 10 3	13 4 9	745 8 4	.....	.....	.....
For previous 11½ weeks of half-year ...	*3,599,487	*35,60,093 15 0	†4,48,07,534 10	70,84,041 0 0	‡2,50,759 0 0	‡1,16,95,783 8 0	‡1,066,945	‡1,714,980	‡2,781,925
Total for 12½ weeks ...	3,932,631	39,07,504 9 0	4,93,01,922 30	87,00,003 8 0	2,78,509 0 0	1,29,71,015 13 0	1,155,695	1,897,003	3,052,698
COMPARISON.									
Total for corresponding week of previous year ...	279,054	2,74,644 6 4	30,58,214 0	6,60,832 8 3	18,744 13 8	9,54,241 12 3	90,707	150,869	241,576
Per mile of railway corresponding week of previous year ...	.....	161 1 2	.....	397 9 9	10 15 11	559 10 3	.....	.....	.....
Total for corresponding 12½ weeks of previous year ...	3,644,534	36,03,907 5 10	4,09,27,550 30	84,32,365 14 2	2,49,060 10 11	1,23,84,433 14 11	1,124,242	1,871,012	2,995,254

(a) The increase is due to the running of 13 extra troop and remount trains from Allahabad to Kildorpoore Dock-yard and Howrah, and from N. W. and O. &amp; R. Railways to Deolali, Bombay and Allahabad, as well as to pilgrim traffic from stations on "A" and "L" districts to Gya.

(b) The increase is in heavy upward despatch of food-grains from almost all the principal stations and in coal traffic from Gaurangdi old Asansol and Jherriah branch.

\* Deducted No. of passengers 2,112 and Rs. 7,342 } on account of difference between the approximate and audited figures for the week ended 12th August 1899.

† Ditto Mds. 2,35,780 and added 2,980 } on account of difference between the approximate and audited figures for the week ended 12th August 1899.

‡ Ditto 776 } on account of difference between the approximate and audited figures for the week ended 12th August 1899.

§ Audited figures up to the week ended 12th August 1899.

## TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for the week ended 16th September 1899 on 22·23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	17,743	Rs. A. P. 4,005 14 0	Mds. S. 12,596 0	Rs. A. P. 416 9 0	Rs. A. P. 9 8 8	Rs. A. P. 4,431 7 0	1,113	75	1,188
Or per mile of railway ...	.....	180 3 2	.....	18 11 10	0 6 8	199 5 8	.....	.....	.....
For previous 10½ weeks of half-year ...	*183,009	*41,244 2 0	†1,43,537 30	†4,380 0 0	‡100 0 0	‡46,834 2 0	‡11,203	‡594	‡11,797
Total for 11½ weeks ...	201,712	46,350 0 0	1,56,123 30	4,760 0 0	109 0 0	51,255 9 0	12,406	1,000	13,406
COMPARISON.									
Total for corresponding week of previous year ...	17,217	2,096 0 1	687 30	247 3 0	3 3 3	2,396 6 4	1,110	78	1,188
Per mile of railway corresponding week of previous year ...	.....	165 12 0	.....	11 1 11	0 3 4	177 1 3	.....	.....	.....
Total for corresponding 11½ weeks of previous year ...	208,084	47,221 12 6	95,637 30	3,616 6 0	74 1 6	50,914 4 0	12,789	1,144	13,933

\* Deducted No. of passengers 391 and Rs. 242 }

† Ditto Mds. 1,860 and 15 }

‡ Added 3 }

§ Audited figures up to the week ended 5th August 1899.

on account of difference between the approximate and audited figures for the week ended 5th August 1899.

## TANKSSEUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 23rd September 1899 on 32.23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	TOTAL.
Total traffic for the week ...	16,078	Rs. A. P. 3,630 7 0	Mds. 12,363 30	Rs. A. P. 416 3 0	Rs. A. P. 9 0 0	Rs. A. P. 4,045 10 0	1,109	79	1,188
Or per mile of railway ...	162 13 10	162 13 10	11,53,968 30	14,778 9 0	0 6 6	181 15 10	11,407	1,067	12,474
For previous 11½ weeks of half-year ...	*209,617	*44,573 0 0			*104 0 0	51,455 9 0			
Total for 12½ weeks ...	215,495	50,193 7 0	1,66,352 20	5,194 12 0	113 0 0	55,501 3 0	13,516	1,140	14,656
COMPARISON.									
Total for corresponding week of previous year ...	16,376	2,649 0 1	9,651 10	345 3 0	8 8 0	4,002 11 1	1,133	86	1,186
Per mile of railway corresponding week of previous year ...	164 2 4	164 2 4		15 8 5	0 6 2	180 0 11			
Total for corresponding 12½ weeks of previous year ...	224,900	50,870 12 7	1,06,289 0	3,963 9 0	62 9 6	54,916 15 1	13,870	1,200	15,070

\* Added No. of passengers 706 and Rs. 223 }  
 † Deducted Mds. 2,165 and .. 18 } on account of difference between the approximate and audited figures for the week ended 12th  
 ‡ Do. .. 5 } August 1899.  
 § Audited figures up to the week ended 12th August 1899.

## DELHI UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 16th September 1899 on 162.24 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	(a) 16,754	Rs. A. P. (a) 20,086 3 0	Mds. 1,19,188 30	Rs. A. P. 17,108 9 0	Rs. A. P. 67 0 0	Rs. A. P. 38,191 12 0	7,015	4,033	11,068
Or per mile of railway ...	129 5 8	129 5 8	1,19,188 30	105 7 3	0 6 7	235 3 0	7,015	4,033	11,068
For previous 11½ weeks of half-year ...	*179,306	*1,48,949 13 0	18,45,654 20	11,11,038 5 0	2669 0 0	3,60,677 2 0	170,667	32,768	203,435
Total for 12½ weeks ...	196,060	1,69,036 0 0	9,67,843 10	1,28,166 14 0	736 0 0	2,08,838 14 0	77,682	36,811	114,493
COMPARISON.									
Total for corresponding week of previous year ...	16,194	13,746 14 4	56,808 10	9,364 5 0	44 11 6	23,155 14 10	6,963	3,006	10,059
Per mile of railway corresponding week of previous year ...	84 11 8	84 11 8		57 11 6	0 4 5	142 11 7			
Total for corresponding 11½ weeks of previous year ...	186,934	1,59,182 6 2	8,03,103 0	87,040 14 6	595 3 0	2,46,818 7 8	79,922	33,691	113,613

(a) The increase is due to the running of four extra troop trains from N.-W. Ry. to Bombay.  
 † Added No. of passengers 1,060 and deducted Rs. 805 }  
 ‡ Do. Mds. 10,873 and do. .. 199 } On account of difference between the approximate and audited figures for the week ended 5th  
 § Audited figures up to the week ended 5th August 1899.

## DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for the week ended 28th September 1899 on 162.24 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	(a) 19,938	Rs. A. P. (a) 27,167 13 0	Mds. 89,675 10	Rs. A. P. 13,783 9 0	Rs. A. P. 66 0 0	Rs. A. P. 41,017 6 0	8,346	4,314	12,660
Or per mile of railway ...	167 7 3	167 7 3	89,675 10	84 15 4	0 6 6	252 13 1	8,346	4,314	12,660
For previous 11½ weeks of half-year ...	*185,926	*1,69,683 0 0	19,40,444 10	11,27,710 14 0	2715 0 0	3,97,708 14 0	577,089	350,673	927,762
Total for 12½ weeks ...	215,864	1,95,860 13 0	10,39,010 20	1,41,404 7 0	781 0 0	3,39,126 4 0	55,075	40,967	96,042
COMPARISON.									
Total for corresponding week of previous year ...	15,150†	13,863 14 2	73,722 10	11,058 3 0	60 6 3	25,952 7 5	7,061	3,132	10,196
Per mile of railway corresponding week of previous year ...	85 7 3	85 7 3		73 11 4	0 5 11	159 8 6			
Total for corresponding 12½ weeks of previous year ...	2,11,084†	1,73,046 4 4	6,65,523 10	98,909 1 6	663 0 3	2,72,700 16 1	88,986	36,423	1,25,409

(a) The increase is due to the running of 10 extra troop trains from N.-W. Ry. to Delhi and Bombay.  
 † Deducted No. of passengers 134 and Rs. 1,253 }  
 ‡ Added Mds. 14,300 and .. 450 } On account of difference between the approximate and audited figures for the week ended  
 § Audited figures up to the week ended 12th August 1899.

## SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 16th September 1899 on 78·83 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings estimated.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	16,823	Rs. A. P. 5,107 0 0	Mds. s. 24,674 10	Rs. A. P. 2,138 18 0	Rs. A. P. 11 0 0	Rs. A. P. 7,256 18 0	1,461	267	1,728
Or per mile of railway ...	...	64 12 7	...	27 3 1	0 2 3	92 0 11	...	...	...
For previous 9½ weeks of half-year.	77,654	27,480 3 0	11,64,751 20	714,019 14 0	1105 0 0	51,006 1 0	98,143	22,584	1,10,727
Total for 10½ weeks ...	87,266	42,587 3 0	1,89,006 30	16,158 11 0	110 0 0	58,061 14 0	9,604	2,081	12,685
COMPARISON.									
Total for corresponding week of previous year.	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding week of previous year.	...	...	...	...	...	...	...	...	...
Total for corresponding weeks of previous year.	...	...	...	...	...	...	...	...	...

\* Added No. of passengers 983 and Rs. 906 }  
 † Do. Mds. 3,946 and .. 183 } on account of difference between the approximate and audited figures for the week ended 8th August 1899.  
 ‡ Do. .. 16 }  
 § Audited figures up to the week ended 5th August 1899.

## SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 23rd September 1899 on 78·83 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Passengers carried.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	No. 11,907	Rs. A. P. 6,083 0 0	M. s. 26,007 20	Rs. A. P. 2,071 10 0	Rs. A. P. 14 0 0	Rs. A. P. 8,168 10 0	3,034	430	3,464
Or per mile of railway ...	...	77 3 8	...	26 4 6	0 2 10	103 10 0	...	...	...
For previous 10½ weeks of half-year	57,324*	42,059 3 0	1,92,216 30†	16,162 11 0†	136 0 0‡	58,337 14 0	9,838§	2,647§	12,485
Total for 11½ weeks ...	69,131	48,142 3 0	2,18,223 10	18,224 5 0	150 0 0	66,526 8 0	12,604	3,086	15,700
COMPARISON.									
Total for corresponding week of previous year	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding week of previous year	...	...	...	...	...	...	...	...	...
Total for corresponding weeks of previous year	...	...	...	...	...	...	...	...	...

\* Deducted No. of passengers 23 and Rs. 528 }  
 † Added Mds. 3,615 and .. 4 } on account of difference between the approximate and audited figures for the week ended 12th August 1899.  
 ‡ Do. .. 20 }  
 § Audited figures up to the week ended 12th August 1899.

## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BIHAR SECTIONS.)

Approximate Return of Traffic and Mileage for the week ended 23rd September 1899 on 824 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	185,300	Rs. A. P. 93,340 0 0	Mds. s. 11,83,950 0	Rs. A. P. 2,34,040 0 0	Rs. A. P. 11,944 0 0	Rs. A. P. 2,86,020 0 0	30,030	44,340	74,370
Or per mile of railway ...	223	112 0 0	1,420 0	284 0 0	1 0 0	345 0 0	...	...	...
For previous 11 weeks of half-year	2,200,160	10,05,129 0 0	1,02,58,687 0	21,09,277 0 0	1,57,309 0 0	32,71,615 0 0	306,632	411,912	718,544
Total for 12 weeks	2,385,360	10,98,469 0 0	1,14,42,457 0	23,93,317 0 0	1,69,449 0 0	34,00,235 0 0	436,662	456,251	892,913
COMPARISON.									
Total for corresponding week of previous year ...	163,009	52,191 0 0	12,03,606 0	2,52,070 0 0	53,030 0 0	3,05,291 0 0	30,289	52,779	83,068
Per mile of railway corresponding week of previous year	194	100 0 0	1,471 0	304 0 0	51 0 0	365 0 0	...	...	...
Total for corresponding date of previous year	2,186,203	9,15,285 0 0	1,03,55,436 0	19,47,941 0 0	1,97,412 0 0	30,60,648 0 0	4,12,007	480,839	892,846

\* Audited up to 25th July 1899.  
 † Excluding steamer earnings.



DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 23rd September 1899 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	22,670	7,440 0 0	53,450 0	5,050 0 0	140 0 0	12,630 0 0	2,390	1,890	4,170
Or per mile of railway	264	86 0 0	622 0	59 0 0	3 0 0	147 0 0	...	...	...
For previous 11 weeks of half-year	2,73,083	80,103 0 0	209,134 0	19,804 0 0	1,535 0 0	1,01,142 0 0	20,118	13,082	44,130
Total for 12 weeks	2,95,353	87,543 0 0	262,634 0	24,854 0 0	1,675 0 0	1,13,772 0 0	21,398	14,902	46,300
COMPARISON.									
Total for corresponding week of previous year	22,117	7,013 0 0	50,846 0	4,117 0 0	656 0 0	11,785 0 0	2,406	1,820	3,964
Or per mile of railway corresponding week of previous year	257	81 0 0	590 0	48 0 0	8 0 0	137 0 0	...	...	...
Total to corresponding date of previous year	2,74,688	81,216 0 0	272,095 0	21,487 0 0	2,666 0 0	1,05,881 0 0	20,154	14,209	34,483

\* Audited up to 29th July 1899.

MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 23rd September 1899 on 33 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	4,340	850 0 0	8,070 0	720 0 0	10 0 0	1,080 0 0	315	1,357	1,672
Or per mile of railway	132	26 0 0	245 0	22 0 0	...	33 0 0	...	...	...
For previous 11 weeks of half-year	23,706	7,846 0 0	24,230 0	2,399 0 0	96 0 0	10,370 0 0	2,411	10,646	14,055
Total for 12 weeks	27,946	8,706 0 0	32,290 0	3,119 0 0	96 0 0	11,960 0 0	2,726	11,901	15,627
COMPARISON.									
Total for corresponding week of previous year	...	...	...	...	...	...	...	...	...
Or per mile of railway corresponding week of previous year	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year	...	...	...	...	...	...	...	...	...

\* Includes ballast train-miles 646.  
† Audited up to 29th July 1899.

BRAHMAPUTRA-SULTANPUR RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 23rd September 1899 on 24.75 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	1,630	490 0 0	16,090 0	960 0 0	150 0 0	1,300 0 0	200	534	734
Or per mile of railway	66	19 0 0	650 0	39 0 0	6 0 0	54 0 0	...	...	...
For previous 11 weeks of half-year	15,429	4,341 0 0	70,785 0	5,159 0 0	634 0 0	10,104 0 0	2,077	8,951	11,028
Total for 12 weeks	17,059	4,831 0 0	86,875 0	6,099 0 0	774 0 0	11,894 0 0	2,277	9,455	11,761
COMPARISON.									
Total for corresponding week of previous year	...	...	...	...	...	...	...	...	...
Or per mile of railway corresponding week of previous year	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year	...	...	...	...	...	...	...	...	...

\* Includes ballast train-miles 384.  
† Audited up to 29th July 1899.

## COOCH BEHAR STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 23rd September 1899 on 3373 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Passengers carried.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,690	600 0 0	11,400 0	710 0 0	80 0 0	1,340 0 0	350	676	1,026†
Or per mile of railway ...	50	18 0 0	338 0	21 0 0	.....	39 0 0*	.....	.....	.....
For previous 11 weeks of half-year(s) ...	19,263	6,955 0 0	63,250 0	7,105 0 0	769 0 0	14,819 0 0	3,773	9,262	13,035
Total for 12 weeks ...	20,953	7,555 0 0	74,650 0	7,815 0 0	780 0 0	16,159 0 0	4,123	9,938	14,061
COMPARISON.									
Total for corresponding week of previous year ...	1,200	400 0 0	8,111 0	664 0 0	119 0 0	1,243 0 0	131	501	632
Or per mile of railway corresponding week of previous year ...	54	21 0 0	367 0	30 0 0	1 0 0	58 0 0	.....	.....	.....
Total to corresponding date of previous year ...	14,110	4,893 0 0	46,678 0	4,425 0 0	1,192 0 0	10,510 0 0	1,616	7,111	8,727

(a) Audited up to 29th July 1899.

\* Excluding Coaching ferry.

† Includes ballast train-miles 330.

## BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Approximate Return of Traffic and mileage for the week ended 16th September 1899 on 139 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	26,703	10,247 0 0	1,19,720 0	15,988 0 0	210 0 0	24,405 0 0	4,642	8,151	12,793
Or per mile of railway ...	205	779 0 0	861 0	101 0 0	1 0 0	181 0 0	.....	.....	.....
For previous 10 weeks of half-year ...	331,697	1,27,183 0 0	7,17,938 0	74,892 0 0	8,602 0 0	2,10,787 0 0	40,921	34,007	74,928
Total for 11 weeks ...	358,399	1,37,390 0 0	8,37,668 0	85,880 0 0	8,802 0 0	2,35,172 0 0	45,563	39,158	84,721
COMPARISON.									
Total for corresponding week of previous year ...	23,151	8,192 0 0	61,729 0	4,791 0 0	164 0 0	13,147 0 0	3,940	3,044	6,984
Or per mile of railway corresponding week of previous year ...	185	66 0 0	494 0	38 0 0	1 0 0	105 0 0	.....	.....	.....
Total to corresponding date of previous year ...	365,362	1,19,460 0 0	6,95,750 0	39,240 0 0	2,636 0 0	1,61,566 0 0	47,300	32,296	79,596

\* Audited up to 5th August 1899.

† Coaching traffic calculated on 130 miles only.

## BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 23rd September 1899 on 1,085 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 1,085 miles open ...	126,430	(a) 50,760	6,29,000	(b) 70,750	15,800	1,46,310	26,350	(c) 26,068	51,418
Or per mile of railway ...	116.63	46.79	580.28	78.60	14.56	134.85	.....	.....	.....
For previous 11 weeks of half-year ...	(d) 1,467,840	5,43,931	58,09,577	6,88,016	1,62,905	13,94,546	2,92,663	2,89,437	582,100
Total for 12 weeks ...	1,594,270	5,94,391	64,39,177	6,67,760	1,78,705	15,40,866	3,19,015	3,14,605	633,620
COMPARISON.									
Total for corresponding week of previous year on 925 miles open ...	64,129	25,800	2,64,563	23,063	14,903	63,766	19,949	(e) 13,750	33,699
Or per mile of railway corresponding week of previous year ...	90.95	27.89	286.01	24.94	16.11	68.91	.....	.....	.....
Total to corresponding date of previous year ...	1,312,804	4,61,011	51,24,023	6,25,976	1,60,088	12,79,075	2,66,609	2,77,333	543,942

(a) Increase is due to increased mileage.

(b) The increase is due to the traffic last year being abnormally low on account of breaches in the line on the Tirhut Sect on.

(c) Includes 6,166 miles of ballast trains run on open line.

(d) audited figures up to week ending 15th July 1899.

(e) 4,626 miles of ballast trains run on open line.

ASSAM-BENGAL RAILWAY.

Approximate Return of Traffic for the week ended 16th September 1899 on 396 miles open for all descriptions of Traffic and an additional 28 miles for goods and parcels traffic only.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	19,730	Rs. A. P. 11,920 0 0	Mds. s. 2,32,620 0	Rs. A. P. 12,308 0 0	Rs. A. P. 296 0 0	Rs. A. P. 26,525 0 0	3,121	7,770	10,901
Or per mile of railway	60'88	30'12	545'73	31'20	0'70	67'21	7'91	19'33	26'23
For previous 10 weeks of half-year	312,166	1,21,662 0 0	25,17,425 0	1,24,230 0 0	6,671 0 0	2,52,602 0 0	33,166	74,567	108,733
Total for 11 weeks	331,906	1,33,571 0 0	27,60,085 0	1,37,647 0 0	6,969 0 0	2,78,197 0 0	36,337	82,337	120,634
COMPARISON.									
Total for corresponding week of previous year	14,301	7,490 0 0	2,53,511 0	12,300 0 0	284 0 0	20,084 0 0	2,464	5,297	7,761
Per mile of railway corresponding week of previous year	50'36	26'27	646'23	41'26	0'80	60'15	6'28	18'08	24'76
Total to corresponding date of previous year	301,740	1,06,710 0 0	26,26,940 0	1,23,500 0 0	7,343 0 0	2,42,583 0 0	31,114	55,961	87,075

\* Includes audited figures for week ending 5th August 1899.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

RECEIPTS FOR WEEK ENDING 16TH SEPTEMBER 1899.				RECEIPTS FOR WEEK ENDING 17TH SEPTEMBER 1898.				TOTAL RECEIPTS FROM 1ST APRIL 1899 TO 16TH SEPTEMBER 1899.				TOTAL RECEIPTS FROM 1ST APRIL 1898 TO 17TH SEPTEMBER 1898.				Total increase in 1899.	Total decrease in 1899.
Mean mileage run.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Total receipts.	Per mile worked per week.	Total receipts.	Per mile worked per week.		
64	Rs. 25,635	Rs. 62'21	236	Rs. 20,924	Rs. 60'15	434	Rs. 6,60,118	.....	283	Rs. 5,81,468	.....	Rs. 76,636	.....				



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, OCTOBER 11, 1899.

## OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.]

### CONTENTS.

	Page.		Page.
First note on the Indigo crop of the Lower Provinces of Bengal for the year 1899	1751	ABSTRACT of the results of Meteorological Observations taken at the Alipore Observatory in the month of September 1899	1783
First forecast of the winter rice crop in Bengal, 1899	1757	Results of the Meteorological Observations taken at the Alipore Observatory from 1st to 7th October 1899	1786
Weather and Crop Report for the week ending 9th October 1899	1774	Vital Statistics of the Districts of Bengal for the month of August 1899	1787
Prices-current (retail) of Food-grains and salt in the head-quarters station bazars of the districts of Bengal during the fortnight ending the 30th September 1899	1776	East Indian Railway for the month of August 1899	1789
Stocks of rice in and around Calcutta	1784	Weekly return of Traffic Receipts on Indian Railways	1791

### FIRST NOTE ON THE INDIGO CROP OF THE LOWER PROVINCES OF BENGAL FOR THE YEAR 1899.

The following is published for general information.

REVENUE DEPT., F. A. SLACK,  
The 6th October 1899. Offg. Secy. to the Govt. of Bengal.

### DEPARTMENT OF LAND RECORDS AND AGRICULTURE, BENGAL.

*First note on the Indigo crop of the Lower Provinces of Bengal for the year 1899.*

*Explanatory.*—The present note furnishes estimates of the area and outturn of indigo in the twenty-one indigo-growing districts of these Provinces. The principal indigo-growing districts of Bengal are the five districts of "North Bihar" and the districts of Purnea, Malda, Nadia, and Murshidabad in

"Lower Bengal." The figures of normal area have been revised by several district officers since the date of last year's report, in consequence of which the provincial total stands at 514,500 acres against 582,400 acres in 1898.

*Character of the season.*—The season was on the whole favourable for sowing and for the germination and early growth of the crop, but excessive and incessant rain in June, July, and August, together with floods due to that rainfall, ruined the prospects of a fair outturn.

*Area sown.*—The area under indigo in 1899 is estimated at 437,400 acres against 478,100 acres cultivated in 1898. The large decrease (about 14 per cent.) is due to the steady decline of the industry in the chief indigo-growing districts of Lower Bengal, especially in Midnapore, Nadia, Murshidabad, and Rajshahi, where several factories have been closed. It is anticipated that the area under this crop in North Bihar will shortly be reduced also, but no contraction is as yet observable.

*Outturn.*—Bhagalpur (90 per cent.) is the only indigo district of any importance in which an outturn of over 75 per cent. of the normal is anticipated. The average outturn expected in the three districts of Champaran, Muzaffarpur, and Darbhanga, in which 255,000 acres are under this crop, is only 57 per cent. It is probable that the average crop throughout Bengal and Bihar will not exceed 60 per cent. of a normal or 16-anna crop.

Messrs. Baines and Company estimate a total outturn of 15,250 factory maunds of indigo in the districts of Lower Bengal as against an outturn of 21,000 maunds in 1898. In Bihar the estimate of the first cuttings amounts to a total of 40,000 maunds against an outturn of 54,000 maunds from these cuttings in 1898. No complete estimate has yet been framed by this firm of the total outturn to be expected in Bihar. The reports received from all the chief indigo-growing districts are so gloomy that it seems improbable that the total outturn will exceed 15,000 maunds in Lower Bengal and 50,000 maunds in Bihar.

D. L. ROY,

*Asst. Director of the Dept. of Land  
Records and Agriculture, Bengal.*

(Countersigned).

P. C. LYON,

*Director of the Dept. of Land Records  
and Agriculture, Bengal.*

CALCUTTA,  
The 4th October 1899.

*First Forecast of the Indigo Crop of Bengal, 1899.*

1	2	3	4	5	6	7	8	9
DIVISION.	DISTRICT.	Approximate normal area under indigo.	Approximate area sown last year (1898).	Estimated area sown this year (1899).	Taking 100 to represent the normal outturn per acre, how much represented outturn last year (1898)?	Taking 100 to represent the normal outturn per acre, how much will represent present (this year's) outturn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Burdwan ...	Burdwan ...	Acres. 6,100	Acres. 5,300	Acres. 5,300	86	79	The heavy rainfall in July and August has damaged the crop in the Katwa and the Kalna subdivisions.	
	Bankura ...	2,400	2,300	2,300	93	50	The character of the season this year has not been at all favourable for the cultivation and growth of this crop, and hence no better outturn is expected.	
	Midnapore ...	10,500	17,500	1,100	71	53	The area under indigo this year is nominal in consequence of Messrs. Watson and Company and some other zamindars having given up growing indigo. The small outturn is due to want of rain at the sowing time.	
Presidency ...	Nadia ...	31,900	30,900	13,000	74	63	The decrease in area sown this year is due to the closing of several factories in the district. Excessive moisture in the lands on account of heavy and constant rainfall checked the growth of the plants. Insect pests also damaged the crop to some extent, hence the expected fall in the outturn.	



1	2	3	4	5	6	7	8	9
DIVISION.	DISTRICT.	Approximate normal area under indigo.	Approximate area sown last year (1898).	Estimated area sown this year (1899).	Taking 100 to represent the normal outturn per acre, how much represented outturn last year (1898) ?	Taking 100 to represent the normal outturn per acre, how much will represent this year's outturn (1899) ?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Presidency—continued.	Murshidabad	Acres. 25,000	Acres. 30,000	Acres. 23,000	47	67	The marked decrease in area sown as compared with that of the previous year is due to Kalamari and Ramnagar Indigo Factories having been closed during the year.	
	Jessore	17,700	13,300	9,800	48	42	-----	The growth and manufacture of indigo is being gradually abandoned in this district.
	Bajshahi	800	700	700	80	78	The figure showing the area under indigo in 1898 in column 4 has been revised. The indigo cultivation has been abandoned in this district from the season of 1898, except by one small concern.	
Bajshahi	Rangpur	9,600	5,000	4,800	50	50	The cultivation of indigo is gradually dying out hence the decrease in area. The small outturn is due to unfavourable rainfall which retarded the growth of this crop.	
	Faridpur	600	600	500	50	35	The small outturn is due to incessant rains.	
Dacca								

		.....											
District	Sub-district											100	100
		100	7,700	23,000	23,600	26,000	26,000	26,000	26,000	26,000	26,000	75	60
Patna	Gaya	100	7,700	23,000	23,600	26,000	26,000	26,000	26,000	26,000	26,000	100	100
	Shahabad	...	...	...	...	...	...	...	...	...	...	75	60
	Saran	...	...	23,000	23,600	26,000	26,000	26,000	26,000	26,000	26,000	120	67
	Champaran	...	...	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	97	89
	Munshiganj	...	...	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	94	40
Bhagalpur	Darbhanga	...	...	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	89	65
	Monghyr	...	...	17,000	16,900	17,000	16,900	17,000	16,900	17,000	16,900	100	63
	Bhagalpur	...	...	13,000	13,000	13,000	13,000	13,000	13,000	13,000	13,000	96	99
	Purnea	...	...	24,000	23,300	23,300	23,300	23,300	23,300	23,300	23,300	100	53
	Malda	...	...	31,000	31,300	30,000	31,300	30,000	31,300	30,000	31,300	78	75
Benthal Parganas		...	...	5,700	4,800	5,700	4,800	5,700	4,800	5,700	4,800	98	77

The decrease in area sown this year is due to the fact that one proprietor has given up indigo cultivation at Buxar. Excessive rainfall in the past few months damaged the crop seriously and reduced the outturn.

The smallness of the outturn is due to the excessive and continuous rain. There was plenty of plant, but very little produce was obtained from it.

The small outturn is due to the damage done to the indigo crops by the heavy and continued rains.

The crop was an excellent one, but the constant rain during the manufacturing season has ruined the produce, and several factories have sustained a great loss by floods.

The figures given under each head have been arrived at from reports submitted by the different indigo factories in this district. These figures are practically accurate, and are more reliable than those furnished in previous years from police reports. The figures for normal area and the area sown last year have accordingly been changed.

An average outturn is expected from all parts of the district, except the Madhipura subdivision.

The decrease in outturn is due to the excessive rainfall during the year.

The season was favourable for indigo, and a full outturn might have been expected, but the high floods in July and August partially damaged the crop.

Owing to excessive rain and the sudden rise of the river Ganges, this crop was damaged considerably.

The short outturn is due to excessive rain, as in the rest of Behar.

1	2	3	4	5	6	7	8	9
Division.	District.	Approximate normal area under indigo.	Approximate area sown last year (1898).	Estimated area sown this year (1899).	Taking 100 to represent the normal outturn per acre, how much to represent the normal outturn per year (1898)?	Taking 100 to represent the normal outturn per acre, how much will represent this year's out-turn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Orissa	Cuttack	Acres. 200	Acres. 200	Acres. 200	100	94	Owing to the absence of sufficient rainfall at the sowing time, the outturn is expected to be below the normal.	
	North Bihar	25,300	302,000	305,100	100			
	Bengal	200,200	175,100	132,300	74			
	Total	614,500	477,100	437,400	80			

FIRST FORECAST OF THE WINTER RICE CROP  
IN BENGAL, 1899.

The following is published for general information.

F. A. SLACK,

*The 10th October 1899. Offg. Secy. to the Govt. of Bengal.*

DEPARTMENT OF LAND RECORDS AND  
AGRICULTURE, BENGAL.

*First forecast of the winter rice crop in Bengal, 1899.*

*Explanatory.*—This report gives estimates of the area and outturn of the winter rice crop up to the middle of September.

2. *Character of the season.*—The ante-monsoon showers, which are of great importance in the preparation of rice lands, commenced about the end of the first week of April. In this month, the rainfall was above the average throughout these Provinces, excepting North Bengal, where it was slightly in defect. In May, it was above the normal in East Bengal, Orissa, and South-West Bengal. In North Bengal and in the Bhagalpur and Chota Nagpur Divisions, it was below the normal; and in the rest of Bihar, it was practically normal. The heaviest rain in this month fell in East Bengal, where the average for the whole division was 14 inches compared with a normal fall of 10 inches. The monsoon set in about the middle of June. Heavy rain fell in this month in all parts of these Provinces, excepting in Orissa, where there was a slight deficiency. The excess was marked in North Bengal, Chota Nagpur, and in some parts of Bihar and South-West Bengal. In July, the rainfall was exceptionally heavy and continuous over the greater part of the Province, Orissa and the south of Chota Nagpur being the only tracts where it fell short of the normal. The rainfall in August was excessive in North Bengal, East Bengal, and Bihar; but noticeably deficient in Chota Nagpur and Orissa. It was also a little below the normal in South-West Bengal. In September, the rainfall has been general, except in Orissa and Chota Nagpur, where it has been again in defect.

*Area cultivated.*—The figures of normal area under winter rice have been now revised in the districts of Rajshahi, Rangpur, Dacca, Noakhali, Saran, Purnea, and Manbhum, and, in consequence, the total normal area for the Province is now returned as 31,244,800 acres, against 30,987,000 acres returned in the final forecast of the winter rice crop of 1898. The area sown with winter rice this year is estimated at 31,349,600 acres against 31,685,500 acres sown in the previous year. The small contraction in area is due to the

swamping of the low-lying rice areas by floods caused by excessive rain in the end of June, and in July and August, which prevented transplantation on many lands that had been already prepared for this crop. It is to be noticed, however, that the weather was favourable for sowing on high lands, so that the reduction of the area in low lands was compensated for, to some extent, by the cultivation of high lands not ordinarily grown with rice. In some districts jute supplanted rice, owing to a rise in its price, and a simultaneous fall in the price of rice at the close of last year.

4. *Character of the crop.*—From the district returns appended to this note, it will be seen that out of the 45 districts of these Provinces, 12 districts, *viz.*, Midnapore, Dinajpur, Darjeeling, Rangpur, Bogra, Pabna, Dacca, Champaran, Bhagalpur, the Sonthal Parganas, Palamau, and Singhbhum, return estimates of crops above the normal of 100 per cent., six districts, *viz.*, Birbhum, Mymensingh, Chittagong, Gaya, Malda, and Manbhum return normal crops; and 26 districts return crops varying from 75 per cent. to below 100 per cent. Only one district, *viz.*, Angul, shows a poor crop of 50 per cent. The returns from Bihar vary considerably, those from North Bengal are uniformly high, while the estimates sent up from Central and East Bengal and Orissa are on the whole poor. On comparing the estimates of outturn for this year with the corresponding figures of last year, it will appear that 13 out of the 45 districts report better crops than those of last year, three report equal crops, and 29 worse crops.

5. *Outturn.*—The rice crop in many low-lying areas has been damaged by excess of rain in the latter half of June and in July and August, and insects are reported to have done some injury in the districts of Khulna, Dacca, Backergunge, Noakhali, and Puri. The weather has, however, been favourable during September, and prospects are good at present. Taking all these circumstances into consideration, it may be estimated that 95 per cent. of a normal outturn will be obtained, and it is possible that, if favourable showers fall in October and the crop is harvested in fine weather, the outturn may reach the normal.

N. N. BANERJEE,

*Assistant Director of Land Records  
and Agriculture, Bengal.*

Countersigned.

P. C. LYON,

*Director of the Dept. of Land Records  
and Agriculture, Bengal.*

CALCUTTA,

The 10th October 1899.

APPENDIX I.  
Preliminary Forecast of the Winter Rice Crop of Bengal, 1899.

1	2	3	4	5	6	7	8	9	10	11
District.	Subdivision.	Total area of subdivision in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under winter rice in acres.	Approximate area under winter rice last year (1898) in acres.	Estimated area under winter rice this year (1899) in acres.	Taking 100 to represent the normal outturn, how much will represent the out-turn last year (1898)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Burdwan	Sadar	794,000	633,500	351,000	432,000	432,000	126	100	Heavy rain and floods damaged the crop to some extent.	
	Kalme	279,000	234,000	115,300	128,000	128,000	125	90		
	Katra	265,300	199,000	130,200	140,000	140,000	125	100		
	Raniganj	460,400	354,700	209,000	230,000	230,000	125	100		
	District Total	1,798,000	1,255,800	605,000	830,000	830,000	125	90		
Birbhum	Sadar	709,120	504,000	293,500	303,300	303,300	113	100	The outturn is expected to be normal if sufficient rain falls in the months of September and October.	
	Rampur Hat	412,800		211,000	223,100	221,600	113	100		
	District Total	1,121,920	900,000	604,500	619,400	604,900	113	100		



1	2	3	4	5	6	7	8	9	10	11
District.	Subdivision.	Total area of subdivision in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under winter rice in acres.	Approximate area under winter rice last year (1898) in acres.	Estimated area under winter rice this year (1899) in acres.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1898)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Bankura	Sadar	1,230,430	498,800	340,600	355,900	355,700	112	75	The rainfall at the beginning was sufficient and favourable. It has been very scanty since the middle of August, in consequence of which the growth of the crop has been more or less affected. The outturn will not be more than 75 per cent. unless good rain falls shortly.	
	Vishnupur	449,000	211,000	160,400	182,000	185,000	112	75		
	District Total	1,677,430	642,800	507,000	537,900	540,700	112	75		
Midnapore	Sadar	2,003,440	1,290,100	717,500	760,000	760,900	100	110	Owing to seasonable rainfall, a larger area than that sown last year has been brought under cultivation this year. In the Contai subdivision, owing to excessive rain the low lands were submerged and could not be brought under cultivation. The outturn is likely to be better than that of last year.	
	Tamluk	417,920	270,000	220,300	230,000	230,000	75	75		
	Contai	543,920	496,000	347,800	355,800	340,700	75	100		
	Ghatal	238,080	146,500	118,300	100,000	108,000	60	90		
	District Total	3,202,360	2,111,500	1,403,600	1,442,900	1,447,900	90	101		
Hooghly	Sadar	282,880	176,500	115,900	112,000	111,600	75	85	Owing to heavy rainfall during the early part of the season the low lands in many of the subdivisions were submerged and were unfit for cultivation. The transplantation of paddy plants was retarded in consequence. The recent rains have had a salutary effect on the standing plants, and the prospects of the outturn are hopeful.	
	Serampore	210,580	160,000	85,000	100,300	100,500	87	75		
	Jahanshad	238,520	167,700	75,000	78,000	80,000	75	90		
	Howrah	110,750	67,700	40,000	61,700	48,000	100	87		
	Ulubaria	215,680	128,000	70,000	80,000	60,000	75	75		
	District Total	1,067,390	702,300	386,200	432,000	400,100	82	82		

34-Parganas	Sadar	558,700	469,700	255,700	340,600	313,400	100	96
	Beragat	513,000	188,400	102,100	117,100	117,100	110	80
	Basirhat	230,400	230,400	142,600	142,600	145,000	100	75
	Diamond Harbour	266,800	263,900	242,200	252,900	200,000	90	65
	District Total	1,544,900	1,102,000	743,600	833,000	890,500	99	82
Nadia	Sadar	487,920	399,900	61,400	76,600	65,900	100	75
	Kuchit	395,160	278,400	28,600	28,600	28,000	90	90
	Meherpur	404,640	393,700	22,800	37,400	13,600	63	75
	Chandanga	230,640	157,300	16,800	24,000	20,000	75	80
	Ranaghat	279,280	199,200	11,900	11,100	10,900	100	85
District Total	1,798,160	1,308,000	135,400	177,100	140,300	87	79	
Murshidabad	Sadar	586,240	395,100	68,100	69,200	60,500	87	90
	Kandi	402,760	279,800	171,700	189,900	189,900	100	100
	Jangipur	361,440	310,600	37,300	40,900	40,300	100	100
	District Total	1,373,440	985,500	277,100	290,400	250,700	97	98
	Jessore	Sadar	669,390	304,000	153,300	100,000	150,000	106
Jhanda		304,000	280,000	64,000	83,100	4,100	100	75
Nagura		272,000	171,000	92,000	92,900	78,000	100	80
Narail		311,080	187,600	128,000	128,000	128,000	113	75
Bengaul		415,360	240,000	77,000	100,000	100,000	75	100
District Total	1,872,000	1,142,100	504,300	520,700	499,100	100	85	

The increase in the total area estimated to be under cultivation in column 4 as compared with the corresponding area shown in last year's forecast is due to the reclamation of large tracts of Sunderban lands in the Pasirhat subdivision. The excessive rainfall in June and July destroyed the crops in the low lands, and delayed transplantation. The outturn is expected to be below the normal.

The decrease in the area sown is due to excessive rainfall during the time of sowing, in consequence of which the low lands were abandoned. The decrease in the outturn in the Sadar and Ranaghat subdivisions is also due to the same cause.

1	2	3	4	5	6	7	8	9	10	11
District.	Subdivision.	Total area of subdivision in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under winter rice in acres.	Approximate area under winter rice last year (1898) in acres.	Estimated area under winter rice this year (1899) in acres.	Taking 100 to represent the normal outturn, how much will represent the outturn last year (1898)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Khulna ...	Sader ...	1,034,338	289,400	224,000	228,000	228,000	120	100	Owing to the low price of paddy, the area under cultivation in the Barisal subdivision, has been less than that of last year. The outturn is expected to be less than last year's owing to the damage done by insects.	
	Batkhira ...	814,643	299,900	189,200	205,000	205,000	113	100		
	Bagrichal ...	246,520	277,100	224,000	276,000	224,000	129	75		
	Area of boundary khals and rivers of the Sundarbans in this district.	217,400	.....	.....	.....	.....	.....	.....		
	District Total ...	3,112,901	876,400	637,200	710,100	687,000	118	91		
Baikunthi...	Sader ...	621,700	240,000	182,000	200,000	200,000	120	100	The district area has been revised.	
	Nator ...	2,5380	402,100	187,400	184,000	182,400	120	100		
	Nasargad ...	597,760	420,000	307,000	267,600	307,600	120	94		
	District Total	1,683,040	1,222,100	687,000	687,000	691,000	120	97		

Dinalpur	Sadar	1,971,500	4,320,300	337,200	603,300	537,200	125	100
	Thakurgaon	554,000	307,400	313,100	218,100	218,100	125	113
	District Total	2,525,500	4,627,700	650,300	821,400	755,300	125	103
Jalpaiguri	Sadar	1,072,000	807,500	223,700	392,000	313,400	85	100
	Alipur	533,600	467,600	103,800	146,200	160,200	85	90
	District Total	1,605,600	1,275,100	327,500	538,200	473,600	85	90
Darjeeling	District Total	1,894,000	1,075,000	451,500	492,000	453,800	92	97
	Sadar (including Kalimpong), Kurseong, Siliguri	464,640	61,400	11,400	11,500	11,500	125	100
		1,118,400	19,600	No winter rice crop in this subdivision.	48,000	48,000	125	117
		1,81,020	65,700	52,700	43,000	43,000	125	117
Rangpur	District Total	744,000	142,900	64,200	54,500	64,500	125	113
	Sadar	730,240	487,800	303,000	300,000	300,000	100	100
	Kurigram	300,000	203,400	203,400	234,300	234,300	100	100
	Gaibandha	466,400	271,200	213,000	213,000	213,000	100	104
	Nilphamari	414,720	276,500	92,500	90,000	91,000	100	113
	District Total	2,231,040	1,002,700	809,900	837,800	840,800	100	103
	Whole district	860,760	680,000	303,000	410,000	400,000	115	103
Pabna	Sadar	564,000	423,000	435,200	425,000	405,000	105	105
	Sirajganj	612,400	456,500	210,800	239,500	239,500	125	125
	District Total	1,176,400	879,500	646,000	664,500	644,500	112	112

Owing to seasonable rain the high lands which used to be left uncultivated have been sown this year with paddy. The outturn will not be as good as that of last year owing to the submergence of the crops sown on low lands.

The increase in the area and outturn this year is due to favourable rainfall.

The figures in column 8 have been revised.

The normal area has been slightly revised by the Collector.

The increase in the area sown in the Nilphamari subdivision is attributed to favourable and timely rain, and this is also the cause of the increase in outturn of the district.

Some low lands being under water could not be cultivated at all; hence a slight reduction in the area sown this year.

Judging from the nature of the floods upon which depend the prospects of the crop in this district, the outturn is expected to be nearly the same as last year's. Some rain, however, is wanted in the end of September and beginning of October, and the present prospects may change appreciably for the worse if these showers do not come.

1	2	3	4	5	6	7	8	9	10	11
District.	Subdivision.	Total area of subdivision in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under winter rice in acres.	Approximate area under winter rice last year (1898) in acres.	Rice this year (1899) in acres.	Taking 100 to represent the normal outturn, how much year (1898) ?	Taking 100 to represent the normal outturn, how much year (1899) ?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Dacca	Sadar	810,340	408,100	279,300	245,500	245,500	125	100	The rainfall has been favourable this year, but insects have damaged the plants a good deal; hence the outturn this year is expected to be less than that of last year.	
	Manikganj	312,960	231,200	216,300	202,200	202,200	125	100		
	Munshiganj	247,040	100,000	71,400	63,000	63,000	125	95		
	Narayanganj	410,340	220,400	79,300	75,000	75,000	125	100		
	District Total	1,780,480	1,069,700	645,700	585,700	585,700	125	106		
Mymensingh.	Sadar	1,183,360	607,000	246,700	250,500	250,500	100	100		
	Netrakona	697,600	234,500	162,000	162,000	161,000	113	112		
	Kishoreganj	667,820	264,000	122,700	130,000	139,000	109	100		
	Jamalpur	824,960	627,300	273,100	314,000	314,000	100	87		
	Tangail	678,040	533,000	205,000	205,000	205,000	110	110		
	District Total	4,093,480	2,406,700	1,011,600	1,088,500	1,086,000	104	100		

Puridpur	Sadar	550,400	325,300	320,100	245,000	945,000	123	75 100 76	The decrease in outturn in the Sadar and Goalundo subdivisions is due to floods. The decrease in area in Madaripur is due to the submergence of low lying areas.
	Madaripur	636,100	416,900	322,100	354,000	340,000	125		
	Goalundo	273,920	265,400	57,700	57,000	57,000	125		
Backergunge.	District Total	1,460,420	1,007,600	649,200	649,000	645,000	123	88	I will enquire from the Collector whether his figures for area sown last year and this are accurate.
	Sadar	711,040	450,000	735,000	325,600	325,000	} 87	100	
	Patuakhali	787,840	550,000	300,100	300,000	300,000		75	
Tippera	Protpur	442,880	350,000	275,000	275,000	275,000		75	
	Dakshin Shahbazpar (Bhola).	263,600	255,000	200,000	200,000	200,000		76	
	District Total	2,335,360	1,409,000	1,100,000	1,100,000	1,100,000	87	82	The decrease in the outturn is partly due to untimely rainfall and partly to the damage caused by pomari insects.
Tippera	Sadar	730,880	647,900	853,900	412,400	353,300	} 100 100 112	95	
	Brahmanbaria	492,100	357,900	290,700	330,000	290,000		100	
	Chandpur	371,940	295,000	192,000	196,000	122,000		86	
	District Total	1,894,880	1,171,300	905,000	908,400	836,300	103	97	The decrease in area is due partly to the fact that some lands sown with paddy in the previous year have been sown with jute and vegetables this year, and partly to the fact that paddy transplantation is still impracticable in some low lands on account of heavy floods.



1	2	3	4	5	6	7	8	9	10	11
District.	Sub-division.	Total area of subdivision in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under winter rice in acres.	Approximate area under winter rice last year (1898) in acres.	Estimated area under winter rice this year (1899) in acres.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1898)?	Taking 100 to represent the normal outturn, how much will represent this year's out-turn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Noakhali	Sadar	...	...	454,500	454,500	424,500	90	75	The increase of 12,000 acres in columns 5, 6 and 7 is due to a revision of estimates. The outturn is expected to be less than that of last year owing to excessive rainfall. The paddy plants have also been somewhat damaged by insects in places.	I will enquire further as to the areas sown this and last year.
	Feni	...	...	141,000	141,000	141,000	100	90		
	District Total	1,032,900	818,800	666,500	595,500	565,500	92	79		
Chittagong	Sadar	1,023,931	416,900	402,900	408,000	406,000	89	100	The rainfall has been favourable from the commencement of the season, and in consequence a better outturn is expected this year.	
	Co's Bazar	671,500	90,000	88,400	86,000	86,000	81	100		
	District Total	1,594,781	504,800	487,600	492,000	492,000	71	100		

[illegible]

1	2	3	4	5	6	7	8	9	10	11
District.	Subdivision.	Total area of subdivision in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under winter rice in acres.	Approximate area under winter rice last year (1898) in acres.	Estimated area under winter rice this year (1899) in acres.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1898) ?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899) ?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Baran	Sadar	...	507,500	145,000	144,000	117,000	80	80		I will ask for further enquiries as to the areas sown in the Siwan and Gopalganj Subdivisions.
	Siwan	...	450,000	175,000	175,000	175,000	80	78		
	Gopalganj	...	571,000	81,000	81,000	81,000	80	80		
	District Total	1,038,067	1,552,500	405,000	404,000	378,000	80	80		
Champan	Sadar	971,580	782,000	241,000	250,000	250,000	80	110	According to the settlement report, the area under winter rice has been altered from 117,000 to 81,000 acres in the Gopalganj subdivision. The extraordinary heavy rains at the very beginning of the season prevented the transplantation of paddy on many low lands and in a considerable area the crop was submerged by floods due to heavy rainfall. But for the above reason a bumper crop would have been the result. The prospects of the crop on high lands are good.	
	Bettiah	1,358,320	632,000	278,000	280,000	274,000	85	115		
	District Total	2,330,840	1,364,000	522,000	510,000	528,000	83	113		
Hajipur	Sadar	1,023,673	643,400	240,300	240,300	240,300	20	80	The heavy rainfall has been on the whole very beneficial to the crop. In the Bettiah subdivision, however, the rain has damaged the crops somewhat on low lands. The crop will be a bumper one if the Hatha, rains are favourable.	I will ask for further enquiries as to the areas actually sown.
	Hajipur	...	383,700	97,500	97,500	97,500	40	50		
	Sitamardi	...	523,700	384,800	384,800	384,800	100	100		
	District Total	1,923,673	1,551,800	702,600	702,600	702,600	50	80		

Darranga	Sadar	782,000	804,000	575,000	575,000	375,000	75	80	The decrease in area is due to the low-lying lands being flooded. This has to some extent been compensated for by the sowing of high lands not ordinarily cropped with rice. Where the crop has not been flooded, it is good, but the crop on the low lands has been considerably damaged.
	Samsatipur	448,000	391,000	165,000	120,000	127,000	47	75	
	Madhubani	803,000	634,000	651,700	631,700	609,000	80	85	
	District Total	2,134,000	1,829,000	1,392,000	1,257,000	1,102,000	86	89	
Monghyr	Sadar	937,500	676,200	255,100	265,000	230,700	100	86	The area under cultivation this year is less than that of last year and is also much below the normal owing to excessive rainfall in June and July which washed away the seedlings and made it impossible to plant out several tracts. The decrease in outturn is also largely due to tracts planted out having been flooded.
	Jamui	1,019,320	815,300	525,500	349,000	264,300	100	100	
	Begusarai	402,100	300,800	14,700	14,700	14,300	75	70	
	District Total	2,508,440	1,802,300	615,000	643,700	509,300	90	94	
Bhagalpur	Sadar	697,700	464,000	250,000	350,000	250,000	100	93	The heavy rains in July and August have damaged the crops on the low areas in Madhubani, but on the other hand, the high lands in Barh are better off than usual. The present estimate is based on the prospect of early October rains.
	Barh	761,400	584,000	627,000	527,400	527,400	125	122	
	Madhipura	719,450	528,000	318,800	318,800	318,800	75	75	
	Supaul	697,700	442,000	202,000	105,300	183,200	100	100	
	District Total	2,704,640	2,097,000	1,398,500	1,291,400	1,291,400	104	102	
Purnea	Sadar	1,645,440	780,000	249,200	151,000	500,000	75	90	The figures in column 8 have been revised after careful enquiry. The increase in the outturn is due to seasonable rainfall.
	Khangsaj	851,440	550,400	261,200	246,000	261,200	83	100	
	Araria	688,560	207,400	116,500	246,000	115,600	75	100	
	District Total	3,195,620	1,538,800	646,900	643,000	608,700	76	85	

I will ask for further enquiries as to the areas actually sown.

1	2	3	4	5	6	7	8	9	10	11
Division.	Subdivision.	Total area of subdivision in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under winter rice in acres.	Approximate area under winter rice last year (1898) in acres.	Estimated area under winter rice this year (1899) in acres.	Taking 100 to represent the normal outturn, how much will represent the outturn last year (1898)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
<b>Malda</b>	Whole district	1,216,000	811,500	286,500	257,500	250,000	94	100	The season is favourable. A good crop is expected.	
<b>Sonthal Parganas.</b>	Dumka	914,560	432,500	181,800	187,500	181,800	113	113		
	Deochur	610,500	165,100	68,100	68,100	69,100	113	113		
	Godda	618,800	452,900	74,300	40,500	49,500	112	100		
	Jamtara	445,440	124,800	54,700	80,000	50,000	100	100		
	Pakour	437,190	224,900	201,200	100,000	201,200	125	125		
	Barinahal	473,000	355,200	243,300	285,800	243,300	100	100		
	District Total	3,500,100	1,725,100	824,400	709,300	794,300	109	119		
<b>Cuttack</b>	Sader	828,200	383,100	241,100	349,400	380,400	99	90		
	Jaipur	706,500	320,700	262,400	285,000	262,400	100	75		
	Kendrapara	645,900	410,300	230,100	327,700	327,700	100	100		
	Banki	74,840	37,300	23,000	23,000	23,000	100	59		
	District Total	2,325,200	1,161,200	916,600	1,025,100	1,008,500	96	89		

The Collector states that the area sown this year has probably exceeded the normal. He is making further enquiries on the subject.

The outturn is estimated as lower than that of last year owing to the absence of sufficient rain at the time of transplanting. The outturn will be still lower unless there be fair rainfall in September and in the early part of October.

Balasore ...	Sadar ... Bhadrak ...	741,120 574,355	418,000 369,100	945,100 800,800	351,100 300,800	351,400 300,500	73 57	105 75	The increase in the area and outturn is due to seasonable rain.
	District Total ...	1,315,475	857,100	645,900	651,900	652,200	79	91	
Angul and Khond-mals.	Whole district ...	1,075,560	846,300	124,600	126,500	110,000	80	50	A partial loss of crop is expected for want of sufficient rain in the months of July and August. About an eighth part of the total area ordinarily sown remained fallow for want of transplantation.
Puri ...	Sadar ... Khurda ...	979,900 693,520	469,800 351,300	318,200 176,500	322,000 180,600	315,000 180,000	80 100	75 100	Pudding and weeding could not be done for want of sufficient rain. Insect pests caused damage to the crop at an early stage of growth in some parts of the Sadar subdivision. The outturn has been estimated on the assumption that there will be well distributed and seasonable rainfall till November next.
	District Total ...	1,592,720	812,300	494,700	602,000	495,600	94	84	
Hazaribagh.	Sadar ... Girdih ...	3,210,800 1,682,560	1,630,300 819,800	695,000 445,000	698,000 445,000	695,000 445,400	100 100	75 100	
	District Total ...	4,893,440	2,475,500	1,114,000	1,114,000	1,114,000	100	85	

The Deputy Commissioner will be asked to make further enquiries as to the actual area sown.



1	2	3	4	5	6	7	8	9	10	11
District.	Subdivision.	Total area of subdivision in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under winter rice in acres.	Approximate area under winter rice last year (1898) in acres.	Estimated area under winter rice this year (1899) in acres.	Taking 100 to represent the normal outturn, how much represented the outturn last year (1898) ?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1899) ?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Bachul ..	Whole district ..	4,569,000	2,888,800	1,401,700	1,401,700	1,401,700	100	90	On account of deficient rainfall since the end of July, the outturn will be less than that of last year.	
Pahawan ..	Whole district ..	4,139,200	768,000	277,900	280,900	230,000	125	110	.....	I have raised the figures returned by the Deputy Commissioner for column 7, conceiving which special enquiries are being made.
Masbhum ..	Sadar .. Gobindpur ..	2,140,100 618,920	1,118,500 300,700	703,500 183,000	838,000 210,000	750,000 190,000	125 125	100 100	About 10 per cent of the area cropped in 1898 was left uncropped in 1899 for want of rain. The crop suffered from want of rain also.	The Deputy Commissioner has verified his figures of normal area, and the estimation of last year's final winter rice forecast.
	District Total ..	2,054,080	1,419,200	945,500	1,045,000	940,000	125	100		
Singbhum ..	Whole district ..	2,595,019	765,000	411,000	411,000	411,000	100	104		
Bengal ..	GRAND TOTAL ..	96,339,567	57,146,000	31,244,800	31,693,500	31,549,000	100	98*		* Estimated by this Department.

APPENDIX II.

Statement of Rainfall from May to September 1899.

DIVISION AND DISTRICT.	MAY 1899.		JUNE 1899.		JULY 1899.		AUGUST 1899.		SEPTEMBER 1899.*	
	Normal average.	Actual rainfall.	Normal average.	Actual rainfall.	Normal average.	Actual rainfall.	Normal average.	Actual rainfall.	Normal average.	Actual rainfall.
1	2	3	4	5	6	7	8	9	10	11
BURDWAN.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Burdwan	5.02	4.84	9.21	11.10	12.01	22.75	11.05	9.54	7.76	6.42
Birbhum	4.16	3.67	10.73	12.17	12.71	17.23	12.90	7.22	8.90	7.11
Bankura	4.80	2.95	10.44	12.03	12.67	14.74	12.42	6.81	8.15	6.70
Midnapore	5.29	6.94	9.80	14.96	12.42	21.81	13.18	12.29	9.04	10.84
Hooghly	5.29	10.77	9.70	13.44	12.02	23.99	13.46	7.88	8.06	8.20
Howrah	5.40	9.16	10.24	14.09	11.96	21.08	12.20	11.95	8.07	9.49
PREM. DIST.										
34 Parganas	5.45	9.01	10.62	14.01	12.53	20.37	13.21	11.74	9.10	9.26
Nadia	6.40	9.99	9.72	9.77	10.30	18.94	11.20	8.24	8.12	4.17
Murshidabad	5.37	.....	9.60	11.49	11.11	16.20	10.11	14.67	9.02	9.03
Jessore	7.06	9.32	11.20	14.03	10.41	17.94	10.75	8.92	7.73	7.93
Khulna	6.40	10.16	12.55	12.29	12.92	17.83	11.78	11.13	8.85	6.02
RAJSHAH.										
Rajshahi	6.20	7.04	9.78	13.88	11.72	16.83	10.45	13.27	10.36	8.17
Dinajpur	5.94	4.89	12.60	16.16	13.93	20.21	11.61	21.86	11.36	10.47
Jalpaiguri	12.27	8.53	25.56	39.47	28.08	25.90	23.49	24.14	19.04	22.22
Darjeeling	11.38	13.55	27.22	28.01	35.47	32.32	27.38	31.67	19.23	24.17
Rangpur	11.07	11.08	19.51	16.24	15.23	16.28	12.05	20.44	13.33	21.31
Bogra	7.94	7.54	12.40	12.53	15.57	20.37	11.53	17.94	10.60	11.55
Fabna	7.75	7.28	10.85	15.14	11.13	10.32	11.17	13.18	9.34	6.78
DACCA.										
Dacca	9.63	11.45	15.73	15.58	13.46	16.11	12.64	18.32	8.69	8.13
Myrmensingh	11.05	15.85	17.91	16.84	16.17	21.86	14.89	.....	12.34	15.12
Faridpur	8.50	12.37	12.25	18.07	11.85	14.68	11.61	9.61	8.06	8.24
Backergunge	8.10	15.90	16.25	13.50	16.65	20.46	16.28	17.09	10.67	9.62
CHITTA. COG.										
Tipperra	10.23	12.14	14.06	14.37	12.97	16.13	12.85	.....	9.23	10.45
Noakhali	10.93	15.60	21.24	22.17	24.68	35.34	24.00	27.79	13.88	17.01
Chittagong	11.24	15.08	22.61	27.92	23.38	35.20	21.18	26.12	11.50	13.29
PATNA.										
Patna	2.00	1.06	6.98	10.52	12.30	21.35	11.27	11.16	6.86	5.70
Gaya	1.45	.....	5.80	12.40	12.11	19.74	11.84	10.40	6.45	3.30
Shahabad	1.08	.....	5.47	.....	11.69	20.43	12.20	11.03	6.43	3.73
Saran	1.77	4.00	6.94	6.99	12.14	21.52	10.99	20.43	7.00	6.59
Champaner	2.66	4.37	10.15	12.39	13.76	24.51	13.22	19.15	9.50	6.24
Muzaffarpur	2.23	.....	7.40	9.14	12.29	.....	11.26	.....	7.67	6.49
Darbhanga	2.63	3.59	7.41	9.38	12.47	22.70	12.91	21.76	9.01	7.77
BIHAR. PUR.										
Monghyr	2.60	1.50	6.91	9.32	12.23	24.98	11.88	13.15	7.99	7.53
Bhagalpur	2.61	2.63	8.51	9.77	13.12	23.64	11.68	15.15	9.27	16.03
Purnea	6.66	4.95	13.08	17.66	17.72	21.91	15.78	.....	12.92	21.43
Malda	4.69	4.18	9.73	14.36	13.40	20.32	11.18	15.49	11.19	10.80
Northal Parganas	2.65	3.10	8.75	11.95	12.17	22.59	11.59	.....	9.17	12.03
ORISSA.										
Cuttack	4.27	6.88	9.22	8.09	11.77	9.59	12.34	.....	10.28	4.72
Balasore	5.12	7.54	8.97	11.39	12.09	14.93	11.50	9.53	11.32	7.94
Puri	2.35	4.15	6.26	4.26	10.94	9.98	12.08	9.28	10.74	4.59
CHOTA NAGPUR.										
Hazaribagh	2.71	.....	7.28	11.24	14.30	19.82	13.45	6.32	8.51	2.69
Ranchi	2.81	1.80	8.11	11.82	13.63	12.11	15.67	6.41	8.76	2.53
Palamoo	1.22	0.61	6.44	14.08	14.15	15.06	14.05	.....	7.82	1.50
Manbhum	3.13	2.09	8.93	11.06	13.37	15.00	13.25	6.17	7.70	10.74
Singbhum	2.29	2.43	9.18	11.17	13.37	10.96	12.41	9.00	7.86	5.55

\* The rainfall figures for September 1899 are subject to revision.

## WEATHER AND CROP REPORT.

For the week ending the 9th October 1899.

**Burdwan.**—No rain. Weather seasonable. Threshing of *aus* commenced. *Aman* and the other standing crops are doing well. Rain is much needed for the *aman* crop. Fodder and water sufficient. Cattle-disease in Katwa decreasing. Common rice selling as follows :—

	Srs.	
Sadar	16	} per rupee.
Kalna	14½	
Katwa	16	
Raniganj	12	

**Birbhum.**—No rain. Weather hot. More rain wanted. Prospect of paddy continues good. Fodder sufficient. Price of common rice at Sadar 15 seers and Rampur Hât 16 seers per rupee.

**Bankura.**—Rainfall nil. Weather fair and hot. Harvesting of *aus* continues. Standing crops doing well, but more rain is wanted. Fodder and water sufficient. Cattle-disease reported from one village in outpost Barjorah. Price of common rice at Bankura 15 seers and at Vishnupur 16½ seers per rupee.

**Midnapore.**—No rain. Weather seasonable. Prospects of crops very good. Cattle-disease reported from Jhargram and Salbani. Common rice sells as follows :—

	Srs.	CH.	
Sadar	16	0	} per rupee.
Contui	19	0	
Tamluk	14	3½	

**Hooghly.**—No rain. Harvesting of *aus* and jute continues. *Aman* doing well. Common rice sells at 14 seers per rupee.

**Howrah.**—No rain. Weather seasonable. Harvesting of *aus* nearly over. Transplantation of *aman* finished. Jute and sugarcane doing well. Fodder and water sufficient. Common rice selling at 13½ seers per rupee.

**24-Parganas.**—Rainfall at Sadar nil. Rain at Basirhat 19. Weather seasonable. Prospects of standing crops good. Harvesting of *aus* nearly finished. Steeping of jute and its fibre extracting going on. No cattle-disease. Fodder and water sufficient. Common rice sells as follows :—

	Srs.	
Sadar	13	} per rupee.
Barasat	14½	
Basirhat	14	
Diamond Harbour	14	

**Nadia.**—Rain at Chuadanga 29. Weather seasonable. Prospects of *aman* good. *Rabi* crops are being sown. Fodder and water sufficient. Price of common rice stationary.

**Murshidabad.**—No rain. Weather hot. Harvesting of *bhadoi* finished. State of standing crops good. Sugarcane and mulberry doing well. Sowing of *kalai* still continues. No cattle-disease reported. Fodder and water sufficient. Common rice sells as follows :—

	Srs.	
Sadar	14	} per rupee.
Jangipur	15	
Kandi	18½	

**Jessore.**—Rainfall at Sadar nil, Jhenida nil, Magura 81, Narail 21, Bangaon nil. Weather sultry. Harvesting of *aus* completed. Cultivation for winter crops going on. Steeping of jute almost over. Prospects of standing crops good. Rivers going down. Rain badly wanted. No cattle-disease reported. Fodder and water sufficient. Common rice sells as follows :—

	Srs.	
Sadar	17½	} per rupee.
Jhenida	18	
Magura	18	
Narail	17½	
Bangaon	20	

**Khulna.**—Rainfall at Sadar .08, Bagerhat .84, Satkhira .26. Weather hot with scanty rainfall. Transplantation of *aman* completed. Prospects fair. Fodder and water sufficient. Common rice sells as follows:—

	Srs.
Sadar	17½
Bagerhat	16
Satkhira	15

} per rupee.

**Rajshahi.**—No rain. Prospects of standing crops good. Cutting and steeping of jute in progress. No cattle-disease. Fodder and water available. Common rice sells at 18 seers per rupee.

**Dinajpur.**—Rainfall nil. Weather hot. Standing crops fair. No cattle-disease. Fodder and water sufficient. Rice selling at Sadar 16 seers and at Thakurgaon 18 seers per rupee.

**Jalpaiguri.**—Rainfall nil. Weather seasonable. Winter rice doing well. Lands are being prepared for tobacco. Common rice sells at 14½ seers per rupee. Fodder and water sufficient.

**Darjeeling.**—Rainfall at Darjeeling nil, Siliguri 1.07. Weather seasonable. *Hills*—*Bhadai* and *haimanti* paddy, *chota* and *bara marua*, *kalai* and *phaphar* are doing well. *Terai*—Washing of jute going on; *bhadai* reaped; *haimanti* paddy progressing. Coarse rice sells as follows:—

	Srs.
Hills	8
Terai	16

} per rupee.

*Bhutta* sells at Darjeeling 16 seers and Kalimpong 36 seers per rupee.

**Rangpur.**—No rain. Weather hot and fair; cloudy occasionally. Transplanting of winter rice and steeping of jute still continue. Fodder and water sufficient. Rice sells at 16 seers 10 chitaks per rupee. Cattle-disease prevailing in Nilphamari.

**Bogra.**—No rain. Washing of jute going on. Prospects of crops good. Fodder and water ample. Common rice selling at 17½ seers per rupee.

**Pabna.**—Rainfall nil, Sirajganj .05. Days hot; mornings cool. Prospects good, but rain wanted. Common rice sells at 15 seers 4½ chitaks per rupee.

**Dacca.**—Rainfall at Sadar 1.32, Munshiganj 1.41, Narainganj .89. Weather seasonable. Prospects of standing crops good. Fodder available. No cattle-disease. Price of common rice stationary.

**Mymensingh.**—Rainfall at Sadar nil, Tangail 2.13, Kishorganj 2.21, Netrokona .11. Weather seasonable. Prospects of crops good. Condition of cattle good. Fodder and water sufficient. Common rice sells as follows:—

	Srs.
Sadar	18
Jamalpur	13-5
Netrokona	17
Kishorganj	16
Tangail	16

} per rupee.

**Faridpur.**—Rainfall at Sadar 1.13, Goalundo nil. Madaripur 1.70. Weather seasonable. State and prospects of crops good. Common rice sells at 16 seers per rupee.

**Backergunge.**—Rainfall at Sadar .20. Weather seasonable. Prospects of crops fair. Common rice sells at 14 seers (*aman*) and 18 seers (*aus*) per rupee.

**Tippera.**—Rainfall at Sadar .07, Brahmanbaria 1.23, Chandpur .15. Nights cool, days hot. Cutting of jute nearly completed. Prospects of *aman* favourable. Average price of common rice 17½ seers per rupee.

**Noakhali.**—Rainfall at Sadar 2.48, Feni .16. Prospects of crops fair. Transplantation of *aman* finished. Lands being ploughed for *rabi* crops. Veterinary assistant treating cattle-disease at Chagalnaya. Fodder and water good. Common rice (*aman*) 15 seers and (*aus*) 18½ seers per rupee.

**Chittagong.**—Rainfall 1.07. Prospects good. Water and fodder sufficient. Common rice 16 seers per rupee.

**Patna.**—Rainfall nil. Lands being prepared for *rabi* crops. No cattle-disease. Fodder and water for cattle sufficient. Common rice in Patna sells at 14½ seers per rupee.

**Gaya.**—Rainfall nil. Paddy suffering for want of rain. Common rice selling at 12 seers per rupee.

**Shahabad.**—No rain. Paddy promising. Rain wanted. 154 cases of cattle-disease reported. Fodder and water abundant. Rice 11 seers per rupee at Sadar.

**Saran.**—No rain. Weather seasonable. Harvesting of *bhadoi* completed. Cultivation for *rabi* progressing. Paddy promising. *Hathia* rain urgently required. Average price of common rice 13 seers 5 chitaks and *makai* 14 seers 12 chitaks per rupee.

**Champanan.**—Prospects of winter rice are not so good, as practically no rain has fallen during the last fortnight. Fields are being prepared for *rabi*, but rain is wanted for sowing. Prices of common rice and maize have risen to 13½ and 16½ seers per rupee respectively.

**Muzaffarpur.**—Rainfall nil. Standing crops doing well. Prospects fair. Preparation for *rabi* sowing in progress. Prices rising and are—Common rice 12 seers, wheat 11½ seers, barley 16 seers, *makai* 13 seers, gram 12½ seers, and *rahar* 14 seers per rupee.

**Darbhanga.**—No rain. Weather hot. Prospects of standing crops good. Fields being prepared for *rabi*. Fodder and water sufficient. No cattle-disease reported. Common rice sells as follows:—

			Srs.	
Sadar	...	...	11½ to 14	} per rupee.
Samastipur	...	...	12½	
Madhubani	...	...	13-10	

**Monghyr.**—No rain. Nights cool. Days still hot. Sowing of wheat and gram commenced in places. *Aghani* rice is of great promise. Sugarcane good. Common rice sells as follows:—

			Srs. Ch.	
Monghyr	...	...	11 14	} per rupee.
Begusarai	...	...	12 8	
Jamui	...	...	14 0	

**Bhagalpur.**—Rainfall nil. Weather seasonable. Winter rice and sugarcane doing well. *Bhadoi* still being harvested. A few cases of cattle-disease reported from Pertabganj and Belhar. Water and fodder sufficient. Common rice sells as follows:—

			Srs. Ch.	
Sadar	...	...	13 14	} per rupee.
Madhipura	...	...	14 0	
Supaul	...	...	20 0	
Banka	...	...	13 2	

**Purnea.**—No rain. Weather seasonable. Prospects of standing crops good. Transplantation of *aghani* completed. Lands being prepared for *rabi* sowings. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

			Srs.	
Sadar	...	...	18	} per rupee.
Kishanganj	...	...	20	
Araria	...	...	20	

**Malda.**—Rainfall nil. Weather seasonable. Sowing of *kalai* nearly finished. Lands being prepared for *rabi* crops. Prospects of winter rice good. Cattle-disease decreasing. Average price of coarse rice 16 seers per rupee. Fodder and water sufficient.

**Sonthal Parganas.**—No rain. Weather clear and seasonably cool. Prospects of winter crops favourable, but more rain wanted for high-land paddy. Some damage done to standing crops at Godda by the late flood. Fodder and water sufficient. Average price of common rice 13½ seers and of Indian-corn 23 seers per rupee.

**Cuttack.**—Rainfall nil. Weather hot in the day and cool at night. Rain badly wanted for all sorts of crops generally. Harvesting of *beali* nearly over. *Sarad* seriously damaged in places by insects and drought. Sugarcane, turmeric, *arhar* and *biri* are growing. Condition of cattle good. Fodder and water sufficient. Common rice sells as follows:—

			Srs. Ch.	
Cuttack	...	...	11 10	} per rupee.
Jajpur	...	...	17 1	
Kendrapara	...	...	21 0	
Banki	...	...	15 0	

SUPPLEMENT TO THE CALCUTTA GAZETTE, OCTOBER 11, 1899. 1777.

**Balasore.**—No rain. Weeding of *urid* continues. *Aus* being harvested. Winter rice and sugarcane thriving well. Crops on high lands in Agripira chakla suffering for scanty rain. Rice sells at 18 seers per rupee in the interior, and at 17 and 18 seers at Balasore and Bhadrak respectively. Cattle-disease reported from places. Fodder sufficient.

**Angul.**—No rain. Weather hot and dry. Condition of paddy and *rabi* bad. If rain falls shortly, low-land paddy and *rabi* will be saved to some extent. Sowing of *rabi* retarded. Common rice sells at Angul 16 seers and at Khondmals 12 seers per rupee. Cattle pox continues at Bisipara.

**Puri.**—No rain. Weather hot. *Sarad* withering for want of rain. *Mandia* and *beali* harvested. *Kulthi* and *is* being sown. Prospects of sugarcane and other miscellaneous crops good. Damage by insect-pests reported from parts of the district. Cattle-disease continues in some places. Common rice sells as follows:—

				Srs.	Ch.	
Sadar	...	...	...	12	7	} per rupee.
Khurda	...	...	...	12	8	
Interior of district	...	...	...	13	8	

**Hazaribagh.**—Rainfall nil. More rain badly wanted. Common rice selling at 12 to 14 seers per rupee.

**Ranchi.**—Rainfall nil. Weather hot and dry. Winter rice crop badly suffering for want of moisture. Rain seriously wanted. Rice sells at 9 seers per rupee in Ranchi and 15 seers in the interior. No cattle-disease. Fodder and water sufficient.

**Palamau.**—No rain. Days hot; nights cool. Upland paddy suffering much for want of rain. *Rabi* sowing is retarded. Prices are—rice 9½ seers, *makai* 16 seers, *mandua* 18 seers, barley 18 seers, wheat 12 seers, and gram 16 seers per rupee. Fodder and water sufficient.

**Manbhum.**—No rain. Weather seasonable. *Bhadosi* crops fair. Winter rice suffers from want of rain in some places. An average crop is expected. Cattle-disease reported from police-stations Gobindpur, Tundi, Topchanchi, and Nirsa. Fodder and drinking-water sufficient. Average price of common rice at Sadar 15 seers 9 chitaks and at Gobindpur 13 seers per rupee. Supply sufficient.

**Singhbhum.**—No rain. Distress is certain in the west of the district. Unless rain is received there will be a scarcity in the east also. Common rice sells at 14 seers 11 chitaks per rupee.

**General Summary.**—There was some rain in East Bengal and in a few places in Central Bengal during the week. The reports from Orissa and Chota Nagpur continue very unsatisfactory owing to the prolonged drought. Elsewhere the crops are in good condition, but some rain is now required for the high lands. The fields are being prepared for the spring crops, some of which are being sown. The price of rice is reported to have risen in the districts of the Patna Division and in Monghyr, Bhagalpur, Cuttack, Ranchi, Palamau, and Singhbhum: elsewhere it is almost stationary. Cattle-disease is reported from a few districts. Fodder is everywhere sufficient.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT,  
The 10th October 1899.



## PRICES-CURRENT (retail) of Food-grains and Salt in the Head.

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU. (Sorghum Vulgare.)		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	BENGAL.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
BURDWAN DIVISION.	1 Bardwan	12 0	12 0	14 8	...	...	...	18 8	18 0	9 6	16 0	15 0	13 8	...	...	...
	2 Birbhum	18 8	16 0	18 8	...	...	...	12 12	12 12	10 8	15 0	15 0	15 0	...	...	...
	3 Bankura	12 8	12 8	12 0	...	...	...	12 8	10 0	11 14	17 8	15 0	17 8	...	...	...
	4 Midnapore	18 0	18 0	11 0	...	...	...	12 8	12 8	10 0	17 0	17 0	13 0	...	...	...
	5 Hooghly	18 8	18 8	10 0	...	...	...	7 8	7 8	7 8	12 0	12 0	11 0	...	...	...
	6 Howrah	...	...	...	...	...	...	10 10	10 10	9 0	13 0	13 0	11 12	...	...	...
PRESIDENCY DIVISION.	7 24-Parganæ	...	...	...	...	...	...	8 8	8 0	8 0	12 8	12 0	11 8	...	...	...
	8 Calcutta	10 10	11 6	12 4	18 8	16 0	17 0	8 0	7 9	7 4	11 6	11 6	11 4	14 8	14 8	17 0
	9 Nadia	14 8	15 4	13 5	29 1	29 1	15 4	7 4	6 10	6 2	13 14	14 6	13 7	...	...	...
	10 Murshidabad	Jamali. 15 0 15 8		16 0	20 0	...	22 13	12 8	13 0	10 8	16 0	16 0	16 0	...	...	...
		Gangajali. 18 0 14 0		...	...	...	...	...	...	...	...	...	...	...	...	...
	11 Jessore	9 8	12 8	11 0	10 0	15 8	12 0	10 8	10 10	10 8	18 0	17 0	16 0	...	...	...
RAJSHAHI DIVISION.	12 Khulna	...	...	...	...	...	...	14 0	14 0	13 0	18 0	16 0	16 8	...	...	...
	13 Rajshahi	14 4	15 0	14 0	24 0	24 0	21 0	12 0	10 8	12 0	16 8 14 4 new aus. 19 8 18 0		14 6	...	...	...
	14 Dinajpur	15 4	14 8	15 2	16 0	16 0	16 0	12 0	13 0	9-9-3	16 12	16 12	14-6-3	...	...	...
	15 Jalpaiguri	10 8	11 0	12 0	...	...	...	5 0	5 0	5 8	14 0	14 0	12 0	...	...	...
	16 Darjeeling	7 0	8 0	8 0	8 0	9 0	9 0	5 4	5 8	5 4	9 8	12 0	11 8	...	...	...
	17 Rangpur	11 0	12 0	10 0	...	...	...	7 0	8 0	7 0	13 0	14 0	12 0	...	...	...
DACCA DIVISION.	18 Bogra	10 14	11 4	15 0	...	...	...	16 8	12 0	9 12	18 12	18 0	13 8	...	...	...
	19 Pabna	16 8	18 0	18 8	35 0	35 0	22 8	7 0	7 0	6 0	16 12	19 8	16 3	...	...	...
	20 Dacca	10 12	12 0	13 0	32 0	32 0	26 0	10 12	12 0	10 0	16 0	16 0	13 0	...	...	...
	21 Mymensingh	13 8	13 8	13 8	10 0	10 0	10 0	16 0	16 0	10 0	18 0	18 0	13 0	...	...	...
	22 Faridpur	16 0	24 0	12 0	32 0	47 0	16 0	6 0	6 0	5 8	16 0	18 0	17 9	...	...	...
	23 Backergunge	...	...	...	...	...	...	12 0	13 0	12 0	12 12 12 8 13 0 aus 16 8 16 0 19 0		...	...	...	...

- A. In the subdivisions the retail prices of salt per rupee are:—Kalna 10 seers 10 chittacks (panga) and 11 seers 7 chittacks (karkatch); Katwa 11 seers 6 chittacks (karkatch); Raniganj 10½ seers (panga).
- B. At Rampur Hat the retail price of salt is 10½ seers per rupee.
- C. At Vishnupur the retail price of salt is 9½ seers per rupee.
- D. In the subdivisions the retail prices of salt per rupee are:—Contai 10 seers; Tamluk 10½ seers; Ghatal 11 seers 7 chittacks.
- E. In the subdivisions the retail prices of salt per rupee are:—Serampore 10½ seers; Jahanabad 10 seers 9 chittacks.
- F. At Uthbaria the retail price of salt is 10 seers 10½ chittacks per rupee.
- G. In the marts in the interior of the district the retail prices of salt per rupee are:—Chetla 10½ seers; Barasat 11½ seers; Baduria 10 seers 10 chittacks; Magrahat 10 seers 11 chittacks.
- H. In the subdivisions the retail prices of salt per rupee are:—Kushtia (Bahadurkhal) 10½ seers (panga); Chuadanga 10 seers; Meherpur 10 seers (crushed); Ranaghat 11 seers 6 chittacks (karkatch).
- I. In the subdivisions the retail prices of salt per rupee are:—Lalbagh 11 seers; Jangipur and Kandi returns not received.



KANGNI OR KARUN, ITALIAN MILLET. ( <i>Sesaria italica</i> .)						GRAM, OHANA, CHHOLA, KADAM, OR SUNAGA. ( <i>Cicer arietinum</i> .)					
Present return.		Next preceding re- turn.		Corresponding re- turn of last year.		Present return.		Next preceding re- turn.		Corresponding re- turn of last year.	
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	...	...	...	...	...	16	8	16	0	17	0
...	...	...	...	...	...	15	0	18	0	18	0
...	...	...	...	...	...	15	0	15	0	14	0
...	...	...	...	...	...	13	0	15	0	12	0
...	...	...	...	...	...	13	0	16	0	13	0
...	...	...	...	...	...	16	0	16	0	14	0
...	...	...	...	...	...	12	8	13	0	11	0
10	0	10	0	10	0	11	6	12	4	16	0
...	...	...	...	...	...	15	8	20	0	17	0
...	...	...	...	...	...	15	0	18	0	20	0
...	...	...	...	...	...	16	0	20	0	16	0
...	...	...	...	...	...	20	0	20	0	13	0
...	...	...	...	...	...	18	0	22	8	22	0
...	...	...	...	...	...	16	8	16	0	19	0
...	...	...	...	...	...	17	0	19	0	15	0
...	...	...	...	...	...	9	0	12	0	10	0
...	...	...	...	...	...	14	0	17	0	13	0
...	...	...	...	...	...	15	0	20	4	15	0
...	...	...	...	...	...	18	0	24	0	16	0
...	...	...	...	...	...	13	0	13	0	14	0
...	...	...	...	...	...	20	0	20	0	8	0
...	...	...	...	...	...	18	0	24	0	10	0
...	...	...	...	...	...	11	8	11	0	14	0

quarters Station Bazars of the Districts of Bengal on the 30th September 1899.

												WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.	Number.
INDIAN-CORN OR MAIZE. (Zea mays.)			ARHAR OR THUB, CADJAN PEA. (Cajanus Indicus.)			SALT.			SALT.							
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.					
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.					
												BENGAL.				
...	...	...	11 0	10 8	...	A 11 8	11 8	12 4	Crushed.	1 0	3 3	0 3	Burdwan.	1	BURDWAN DIVISION.	
...	...	...	12 0	12 0	...	B 10 8	10 8	10 8	Karkatch.	1 0	3 10	6 3	Birbhum.	2		
...	...	...	11 4	11 14	12 0	C 10 0	10 0	10 0	Panga.	0 4	0 0	4 0	Bankura.	3		
...	...	...	12 8	12 8	...	D 11 4	11 4	10 8	Panga.	3 8	0 8	3 9	Midnapore.	4		
...	...	...	10 0	10 0	7 0	E 10 8	10 8	10 0	3 12	0 3	12 0	3 12	Hooghly.	5		
...	...	...	11 8	11 8	11 12	F 10 8	10 8	10 2	3 8	0 3	8 0	3 9	Howrah.	6		
...	...	...	10 4	11 0	13 0	G 10 12	10 12	10 8	3 6	0 3	8 0	3 8	24-Parganas.	7	PRESIDENTY DIVISION.	
12 4	12 4	20 0	10 10	10 0	12 4	H 12 1	12 3	11 0	3 6	0 3	6 0	8 6	Calcutta.	8		
...	...	...	11 0	11 7	...	I 12 1	12 3	11 0	3 5	0 3	4 0	8 10	Nadia.	9		
...	...	...	13 0	13 0	...	J 11 0	11 0	10 0	3 7	3 3	5 6	3 10	Murshidabad.	10		
...	...	...	12 4	...	...	K 9 2	10 0	10 0	3 12	0 3	12 0	3 14	Jessore.	11		
...	...	...	11 0	11 0	11 0	L 10 0	10 0	10 0	3 12	0 3	12 0	3 12	Khulna.	12		
...	...	...	18 0	18 0	18 9	M 9 12	9 12	10 3	3 13	4 3	13 4	3 15	Rajshahi.	13	RAJSHAHI DIVISION.	
...	...	...	10 14	10 14	...	N 10 0	10 0	10 5	4 0	0 4	0 0	3 13	Dinajpur.	14		
...	...	...	10 8	11 0	12 0	O 10 0	10 0	10 0	3 11	0 3	11 0	3 11	Jalpaiguri.	15		
13 0	25 0	26 0	7 0	8 0	8 4	P 7 0	8 0	8 0	3 8	0 4	12 0	5 0	Darjeeling.	16		
13 0	24 0	18 0	9 0	9 0	8 8	Q 9 0	9 0	9 0	4 0	0 4	0 0	4 0	Rangpur.	17		
...	...	...	14 4	15 0	...	R 10 8	10 5	9 15	3 12	0 3	13 4	3 13	Bogra.	18		
...	...	...	10 0	12 8	12 8	S 9 12	9 12	9 12	3 14	0 3	14 0	3 14	Pabna.	19	DACCA DIVISION.	
...	...	...	8 0	8 0	11 10	T 10 0	10 0	10 0	3 9	0 3	9 0	3 12	Dacca.	20		
...	...	...	10 8	10 8	10 0	...	...	9 8	4 0	0 4	0 0	4 0	Mymensingh.	21		
...	...	...	8 0	8 0	...	...	...	10 0	4 0	0 4	0 0	4 0	Faridpur.	22		
...	...	...	...	...	...	...	...	10 0	3 10	0 3	10 0	3 12	Backergunge.	23		

- J. In the subdivisions the retail prices of salt per rupee are :—Jhenida 10 seers; Magura 9½ seers; Narail 10 seers; Bangaon 10 seers 10 chittacks.
- K. In the subdivisions the retail prices of salt per rupee are :—Bagerhat 9 seers; Satkhira 11½ seers.
- L. In the subdivisions the retail prices of salt per rupee are :—Nator 10½ seers; Naugaon 9 seers 10 chittacks.
- M. In Alipur Duars the retail price of salt is 8 seers per rupee.
- N. Retail prices of salt (panga) at Kurseong 8 seers and Siliguri 9 seers per rupee.
- O. In the subdivisions the retail prices of salt per rupee are :—Kurigram 8 seers; Gafbanda 10 seers; Nilphamari 10 seers.
- P. At Sirajganj the retail price of salt is 11½ seers per rupee.
- Q. In the marts in the interior of the district the retail prices of salt per rupee are :—Madanganj 11 seers 10 chittacks; Manikganj 9 seers; Mirkadam 10 seers 10 chittacks.
- R. In the subdivisions the retail prices of salt per rupee are :—Kishorganj 10 seers; Jamalpur 10 seers; Kagrmati 8 seers; Netrokona 8 seers.
- S. In the subdivisions the retail prices of salt per rupee are :—Goalundo 10 seers; Madaripur 10½ seers.
- T. In the subdivisions the retail prices of salt per rupee are :—Pirojpur 8 seers; Patuakhali 9 seers; Bhola 9 seers.

## PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

Number.		DISTRICTS.	QUANTITIES PER RUPEE IN														
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU (Sorghum Vulgare).		
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
BENGAL—concluded.		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
CHITTAGONG DIVISION.	24	Tippera	...	...	...	...	...	...	10 0	10 0	10 0	15 3	14 8	15 0	...	...	...
	25	Noakhali	...	...	...	...	...	...	11 0	10 8	10 0	16 0	16 0	16 0	...	...	...
	26	Chittagong	...	...	...	...	...	...	10 8	10 0	10 0	16 0	16 0	12 0	...	...	...
BIHAR.																	
PATNA DIVISION.	27	Patna	13 8	15 0	18 0	20 0	20 0	26 0	12 0	12 0	12 0	16 0	15 0	14 8	18 0	...	...
	28	Gaya	12 8	14 0	15 0	17 0	22 0	26 4	9 0	9 0	9 8	14 0	14 0	15 0	17 8	18 0	20 0
	29	Shahabad	13 8	13 8	15 8	18 0	19 8	24 0	9 8	8 8	8 0	13 4	14 0	13 8	...	...	...
	30	Saran	13 4	14 0	16 8	18 0	18 8	25 0	9 8	9 8	9 0	13 0	13 0	13 0	...	...	...
	31	Champaran	14 8	16 8	13 8	21 8	22 8	22 8	7 0	7 0	6 8	15 0	15 0	14 8	...	...	...
	32	Muzaffarpur	14 0	14 0	16 0	18 0	20 0	24 0	8 0	8 0	7 0	12 8	12 8	13 0	...	...	...
BHAGALPUR DIVISION.	33	Darbhanga	14 8	15 0	12 8	18 0	16 0	18 0	8 0	8 0	7 6	12 8	12 0	12 0	...	...	...
	34	Monghyr	13 10	14 11	17 0	16 12	...	20 0	10 8	10 8	7 6	13 10	11 9	13 0	...	...	...
	35	Bhagalpur	13 4	13 14	15 4	17 12	20 4	25 4	11 6	10 12	11 8	15 2	15 2	15 4	...	...	...
	36	Purnea (Kasba)	16 0	16 0	16 0	...	...	...	12 0	12 0	11 8	16 0	16 0	16 0	New bhadoi. 18 0 20 0 18 0		
	37	Malda (English Bazar).	15 0	15 0	16 0	...	...	...	11 0	9 0	8 0	16 0	16 0	13 0	...	...	...
	38	Sonthal Pargana	11 0	11 0	11 0	19 0	19 0	17 0	13 0	13 0	10 0	16 0	15 0	14 0	...	...	...
ORISSA.																	
ORISSA DIVISION.	39	Cuttack	9 3	10 8	10 8	...	...	...	9 8	10 8	9 3	14 7	15 1	15 2	...	...	...
	40	Balasore	16 0	16 0	13 0	13 0	13 0	10 0	13 0	13 0	11 8	17 0	17 0	14 8	...	...	...
	41	Puri	10 8	10 8	8 0	...	...	...	7 14	8 8	8 0	12 7	15 12	15 12	...	...	...
CHOTA NAGPUR.																	
CHOTA NAGPUR DIVISION.	42	Hazaribagh	11 8	13 0	12 0	16 0	20 0	16 0	11 0	8 0	6 0	13 0	14 0	13 8	...	...	...
	43	Ranchi	{ 7 4 to 10 8 }	{ 7 4 to 12 0 }	{ 6 0 to 12 0 }	...	...	...	10 0	12 0	8 8	13 0	14 8	{ 13 0 to 14 0 }	...	...	...
	44	Palamu	13 8	15 8	14 10	22 8	22 8	28 8	12 6	12 6	14 10	13 8	14 1	16 14	...	...	...
	45	Manbhum	12 0	12 0	13 0	16 0	20 0	...	12 0	11 8	11 8	15 0	16 8	16 0	...	...	...
	46	Singhbhum	12 0	12 0	8 0	...	...	...	14 0	14 0	13 0	16 0	17 0	15 0	...	...	...

U. In the subdivisions the retail prices of salt per rupee are:—Brahmanbaria 10 seers; Chandpur 9 seers.

V. At Foni Hat the retail price of salt is 9 seers per rupee.

W. At Cox's Bazar the retail price of salt is 8½ seers per rupee.

X. In the subdivisions the retail prices of salt per rupee are:—Barh 10½ seers; Bihar 10 seers; Dinapore 10½ seers.

Y. In the subdivisions the retail prices of salt per rupee are:—Jahanabad 10 seers; Aurangabad and Nawada returns not received.

Z. In the subdivisions the retail prices of salt per rupee are:—Buxar 11 seers; Bhabua 10 seers; Sasaram 10½ seers.

a. In the subdivisions the retail prices of salt per rupee are:—Siwan 11 seers 3 chittacks; Gopalganj (Mirganj) 12½ seers.

b. At Bettiah the retail price of salt is 10 seers per rupee.

c. In the subdivisions the retail prices of salt per rupee are:—Hajipur 10 seers; Sitamarhi 11 seers.

d. In the subdivisions the retail prices of salt per rupee are:—Madhubani 10 seers 14 chittacks; Samastipur 11 seers.

CALCUTTA,

The 10th October 1899.

SEERS OF 80 TOLARS.

[illegible]

KANGNI OR KAKUM, ITALIAN MILLET. ( <i>Setaria Italica</i> .)						GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA ( <i>Cicer cristinum</i> .)					
Present return.		Next preceding re- turn.		re- Corresponding turn of last year.		Present return.		Next preceding re- turn.		re- Corresponding turn of last year.	
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	12	0	12	8	12	8
...	...	...	...	...	...	12	0	12	0	11	0
12	0	16	0	23	0	16	0	17	0	20	0
13	0	14	0	17	0	15	8	17	0	20	8
...	...	...	...	...	...	15	0	16	8	21	0
12	0	12	0	...	...	16	8	17	0	20	8
...	...	...	...	...	...	18	8	19	8	17	8
...	...	...	...	...	...	17	0	17	0	18	0
...	...	...	...	...	...	16	0	14	0	17	8
...	...	...	...	...	...	16	4	15	12	20	0
...	...	...	...	...	...	16	0	16	8	22	12
...	...	...	...	...	...	19	0	21	0	...	...
...	...	...	...	...	...	18	0	24	0	20	0
...	...	...	...	...	...	16	0	15	0	115	0
...	...	...	...	...	...	Biri or kahai.					
...	...	...	...	...	...	14	7/17	1	115	9	...
...	...	...	...	...	...	Chhola.					
...	...	...	...	...	...	12	8/14	0	113	0	...
...	...	...	...	...	...	Biri.					
...	...	...	...	...	...	18	0	17	0	113	0
...	...	...	...	...	...	14	1	15	12	12	...
...	...	...	...	...	...	15	0	15	8	17	...
...	...	...	...	...	...	14	0	14	0	113	0
...	...	...	...	...	...	to					
...	...	...	...	...	...	15	0	15	0	14	...
...	...	...	...	...	...	19	8	19	11	26	...
...	...	...	...	...	...	12	8	14	0	16	...
...	...	...	...	...	...	14	0	14	0	9	...



Station Bazars of the Districts of Bengal on the 30th September 1899—(concluded).

INDIAN-CORN OR MAIZE. (Zeamays.)			ARHAR OR TUR, CADJAN PEA. (Cajanus indicus.)			SALT.			WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.	Number
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL—concluded.	
...	...	...	...	...	...	U	10 0	10 0	8 0	3 11 0	4 0 0	Tippera.	24
...	...	...	...	...	...	V	9 0	9 0	9 0	4 0 0	4 0 0	Noakhall.	25
...	...	...	8 0	8 0	...	W	10 8	10 8	11 0	3 8 0	3 8 0	Chittagong.	26
18 0	...	27 8	13 8	13 8	...	X	11 0	11 0	11 0	3 7 6	3 8 0	Patna.	27
...	...	20 8	11 0	12 0	...	Y	10 0	10 0	10 0	3 12 0	3 14 0	Gaya.	28
14 0	...	23 0	12 12	14 0	...	Z	10 12	10 8	10 8	3 14 0	3 13 0	Shahabad.	29
17 0	16 8	26 0	13 4	12 0	...	a	10 12	10 14	10 8	3 11 0	3 10 0	Saran.	30
21 8	20 8	22 8	11 0	13 0	...	b	10 8	10 8	9 0	3 13 0	4 8 0	Obamparan.	31
18 0	18 0	25 0	12 0	12 8	...	c	11 4	11 4	9 0	3 8 0	4 7 0	Muzaffarpur.	32
19 0	20 0	26 0	16 0	17 0	20 0	d	10 8	10 0	9 0	3 8 0	4 0 0	Darbhanga.	33
...	...	32 0	10 8	12 9	13 8	e	10 8	10 8	10 8	3 7 0	3 10 0	Monghyr.	34
17 12	20 4	31 8	12 0	11 6	...	f	10 0	11 1	10 12	3 14 0	3 9 0	Bhagalpur.	35
...	...	...	9 8	10 0	...	g	10 8	10 8	10 8	3 12 0	3 12 0	Purnea (Kasba).	36
...	...	...	10 0	12 0	...	h	9 8	9 8	9 0	3 13 0	4 4 0	Malda (English Bazar).	37
22 0	19 0	28 0	18 0	18 0	25 0	i	10 0	10 4	9 4	3 14 0	3 14 0	Southal Pargana.	38
...	...	...	15 12	18 6	18 6	j	10 12	10 12	10 12	3 0 0	3 2 0	Cuttack.	39
...	...	...	8 0	10 8	10 8	k	12 4	12 0	11 0	3 4 0	3 6 0	Balasore.	40
...	...	...	11 0	11 2	...	l	13 0	13 0	14 0	3 0 0	2 13 0	Puri.	41
24 0	20 0	24 0	16 0	16 0	17 0	m	9 0	9 0	9 0	4 7 0	4 4 0	Hazaribagh.	42
20 0	21 0	20 0	8 0	8 0	9 0	n	10 0	9 0	9 0	4 0 0	4 2 0	Ranchi.	43
23 10	31 8	30 0	14 10	15 3	...	o	9 0	8 11	9 0	...	...	Palamau.	44
24 0	24 0	30 0	11 0	11 0	...	p	10 8	10 8	10 0	3 8 0	3 11 0	Manbhum.	45
25 0	18 0	...	11 0	12 0	10 0	q	7 0	7 0	7 0	4 4 0	4 4 0	Singbhum.	46

- a. In the subdivisions the retail prices of salt per rupee are :—Begusarai 11 seers ; Jamui 10½ seers.  
f. In the subdivisions the retail prices of salt per rupee are :—Banka 10 seers ; Madhipura 9½ seers ; Supaul 10 seers.  
g. In the Kishanganj and Araria subdivisions the retail price of salt is 9 seers per rupee.  
h. At Balia Nawabganj the retail price of salt—(karkatch) 9½ seers and (panga) 10 seers per rupee.  
i. In the subdivisions the retail prices of salt per rupee are :—Deoghur return not received ; Godda 10 seers ; Jamtara 11 seers ; Pakaur 10 seers ; Rajmahal 11 seers.  
j. In the subdivisions the retail prices of salt (panga) per rupee are :—Jajpur 9 seers ; Kandrapara 9 seers.  
k. At Bhadrak the retail price of salt is 10½ seers per rupee.  
l. At Khurda the retail price of salt is 13 seers per rupee.  
m. At Gobindpur the retail price of salt is 10 seers 10 chittacks per rupee.

Published for general information.

F. A. SLACK,  
Offg. Secretary to the Govt. of Bengal.

## PRICES-CURRENT (wholesale) of Food-grains, Firewood, &amp;c

Number.	MART.												
		RICE (BEST SORT).			COMMON RICE (meta chaul).			WHEAT ( <i>Triticum sativum</i> ).			BARLEY ( <i>Hordeum vulgare</i> ).		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.
1	Calcutta ...	5 0 0	5 0 0	5 4 0	3 4 0	3 8 0	3 4 0	3 8 0	3 8 0	3 0 0	2 8 0	2 4 0	2 0
2	Burdwan ...	3 1 0	3 2 0	4 4 0	2 8 0	2 14 0	2 15 0	3 4 0	3 4 0	2 12 0	...	...	...
3	Midnapore ...	3 4 0	3 4 0	3 12 0	2 6 0	2 6 0	2 12 0	...	...	...	...	...	...
4	Patna ...	6 11 3	5 11 3	6 10 0	2 2 0	2 0 9	2 6 6	2 6 9	2 3 3	2 15 0	...	...	...
5	Rangpur ...	5 0 0	4 8 0	5 12 0	3 0 0	2 12 0	3 6 0	3 0 0	2 12 0	3 12 0	...	...	...
6	Dacca ...	3 10 0	3 2 0	3 13 0	2 6 0	2 5 0	3 0 0	3 8 0	3 2 0	2 14 0	1 0 0	1 0 0	1 3
7	Chittagong ...	3 12 0	4 0 0	4 0 0	2 12 0	2 8 0	3 0 0	...	...	...	...	...	...
8	Patna ...	3 4 0	3 4 0	3 4 0	2 7 0	2 10 0	2 10 6	2 13 6	2 10 0	2 1 6	1 14 6	1 15 0	1 3
9	Munafarpur ...	4 7 0	4 7 0	5 11 6	3 1 3	3 1 3	3 1 3	2 10 6	2 10 6	2 8 0	2 1 6	1 14 6	1 10
10	Bhagalpur ...	3 8 3	3 11 6	3 7 0	2 10 3	2 10 0	2 9 0	3 0 3	2 14 0	2 6 0	2 4 0	1 15 6	1 9
11	Cuttack ...	3 12 9	3 6 3	3 12 9	2 10 3	2 7 3	2 5 6	3 14 0	3 9 0	3 8 0	...	...	...
12	Ranchi ...	4 0 0	3 5 3	4 11 0	3 1 0	3 12 0	2 8 0	3 13 0 to 5 8 3	3 5 3 to 5 8 3	3 5 0 to 6 10 6	...	...	...

CALCUTTA,  
The 10th October 1899.

JOAR OR CHOLEM ( <i>Sorghum vulgare</i> ).			BAJRA OR CUMBU ( <i>Pennisetum typhoides</i> ).			MARUA OR RAGI ( <i>Eleusine coracana</i> ).			GRAM, CHANA, CHOLA, KADALAY, OR SONAGA ( <i>Cicer arictinum</i> ).		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
15	16	17	18	19	20	21	22	23	24	25	26
A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
9 0	2 8 0	2 1 0	4 4 0	4 0 0	3 4 0	...	...	...	3 4 0	3 0 0	2 6 0
...	...	...	...	...	...	...	...	...	2 6 0	2 8 0	2 4 0
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	2 8 6	1 10 8	2 6 6
...	...	...	...	...	...	...	...	...	2 12 0	2 2 0	2 12 0
...	...	...	...	...	...	...	...	...	2 14 0	2 12 0	2 8 0
...	...	...	...	...	...	...	...	...	3 4 0	3 4 0	3 4 0
3 0	...	...	...	...	...	1 14 6	...	...	2 7 0	2 5 0	1 14 6
...	...	...	...	...	...	1 14 6	1 13 0	1 9 6	2 3 6	2 3 6	2 3 6
...	...	...	...	...	...	...	...	...	2 8 0	2 7 0	1 13 0
...	...	...	...	...	...	...	...	...	Biri or kalai.		
...	...	...	...	...	...	...	...	...	2 10 3	2 2 6	2 10 6
...	...	...	...	...	...	...	...	...	2 10 6	2 10 6	2 13 6
...	...	...	...	...	...	...	...	...	2 13 3	2 13 3	3 1 0

PRICES PER MAUND

INDIAN-CORN OR MAIZE (Zea mays).			ARHAR DAL OR THUR— CAJAN PEA (Cajanus indicus).			LINSKED.			MUSTARD AND RAPESEED.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
27	28	29	30	31	32	33	34	35	36	37	38
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
3 0 0	3 0 0	1 12 0	3 8 0	3 12 0	3 0 0	5 0 0	4 12 0	4 0 0	4 4 0	4 4 0	3 10
...	...	...	3 8 0	3 12 0	2 14 0	...	...	...	4 0 0	4 0 0	3 12
...	...	...	...	...	...	4 0 0	3 14 0	3 6 0	Black mustard.		
...	...	...	...	...	...	...	...	...	4 4 0	4 8 0	4 0
...	...	...	...	...	...	...	...	...	4 8 0	...	...
...	...	...	4 0 0	3 2 0	3 2 0	3 8 0	3 7 0	3 6 0	Rape seed.		
...	...	...	...	...	...	...	...	...	3 12 0	3 4 0	3 10
2 0 0	1 8 0	2 0 0	4 0 0	4 0 0	4 4 0	...	...	...	3 10 0	3 8 0	3 5
...	...	...	4 8 0	4 8 0	3 4 0	...	...	...	3 12 0	3 12 0	4 0
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	4 12 0	5 0 0	...	...	...	...	4 0 0	4 0 0	4 0
2 2 0	...	1 7 0	2 13 6	2 18 0	...	3 8 0	3 9 0	3 4 0	3 14 0	3 14 0	3 5
2 1 6	2 1 6	1 9 6	3 3 3	3 1 3	3 5 3	...	...	...	...	...	...
2 4 0	1 15 6	1 4 6	3 5 3	3 9 6	...	4 12 0	4 6 0	4 7 0	4 6 0	4 4 0	3 2
...	...	...	2 5 6	2 0 6	2 0 6	...	...	...	3 12 0	3 12 0	4 0
}	...	...	5 0 0	5 0 0	4 7 0	4 0 0	4 0 0	3 1 0	4 0 0	3 10 0	3 5
					to 5 0 0				to 5 0 0	to 4 9 0	3 10

## STANDARD SEERS.

TIL OR JINJILI SEED.			SUGAR (RAW).			COTTON, CLEANED.			JUTE.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
39	40	41	42	43	44	45	46	47	48	49	50
Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.
4 0 0	4 2 0	4 0 0	5 10 0	5 2 0	5 10 0	16 0 0	16 0 0	16 0 0	5 0 0	5 0 0	4 8 0
—	—	—	5 15 0	6 0 0	5 5 0	13 0 0	13 0 0	18 0 0	—	—	—
—	—	—	4 12 0 to 5 0 0	4 12 0 to 5 0 0	6 0 0	18 0 0	18 0 0	18 0 0	—	—	—
—	—	—	4 4 0	4 2 0	4 6 0	18 0 0	18 0 0	24 0 0	4 14 0	5 2 0	3 10 0
—	—	—	5 0 0	5 0 0	6 0 0	—	—	—	4 4 0	4 0 0	3 8 0
—	—	—	5 8 0	5 8 0	5 8 0	—	—	—	5 0 0	5 0 0	3 11 0
—	—	—	4 12 0	4 0 0	5 4 0	13 0 0	12 12 0	13 0 0	—	—	—
3 14 0	3 14 0	3 8 0	3 8 0	3 8 0	3 8 0	12 0 0	12 0 0	13 0 0	5 0 0	5 0 0	3 0 0
—	—	—	2 15 3	2 15 3	4 0 0	—	—	—	—	—	—
—	—	—	5 0 0	4 12 0	4 0 0	17 0 0	16 0 0	16 0 0	—	—	—
3 16 0	3 10 0	3 8 6	5 12 0	4 12 0	5 10 0	24 8 0	24 8 0	24 8 0	—	—	—
—	—	—	5 0 0 to 5 11 0	5 0 0 to 5 11 0	5 0 0	20 0 0	16 0 0	20 0 0	—	—	—

GHI (CLARIFIED BUTTER).			TOBACCO LEAF.			HIDES (COW).			GRASS.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
51	52	53	54	55	56	57	58	59	60	61	62
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
35 0 0	35 0 0	34 0 0	6 0 0	6 0 0	6 0 0	250 0 0	250 0 0	245 0 0	0 18 0	0 12 3	0 13 0
33 0 0	33 0 0	32 8 0	...	...	...	...	...	...	...	...	...
34 0 0	33 8 0	37 0 0	Madhakhali. Pulta. { 6 12 0 6 12 0 6 0 0 { 8 0 0 7 8 0 8 0 0			Uncleaned hides, per piece— { 0 14 0 0 14 0 0 10 0 { to 2 3 0 to 2 4 0 to 2 6 0 Cleaned hides, per piece— { 1 6 0 1 2 0 0 14 0 { to 2 10 0 to 2 6 0 to 2 10 0			...	...	...
52 0 0	52 0 0	52 0 0	8 8 0	8 0 0	7 8 0	...	...	...	...	...	...
36 0 0	36 0 0	38 0 0	8 0 0	8 0 0	6 0 0	...	...	...	0 2 6	0 2 6	0 5
42 0 0	42 0 0	42 0 0	7 0 0	7 0 0	5 0 0	25 0 0	25 0 0	25 0 0	0 4 0	0 4 0	0 4
45 0 0	45 0 0	40 0 0	13 0 0	11 0 0	10 0 0	18 8	18 8 0	20 0 0	...	...	...
29 0 0	30 0 0	30 0 0	3 0 0	3 0 0	3 0 0	...	...	...	0 5 0	0 5 0	0 4
30 7 6	30 7 6	31 7 8	10 0 0	10 0 0	10 0 0	...	...	...	...	...	...
36 0 0	35 0 0	40 0 0	6 0 0	5 0 0	4 0 0	...	...	...	...	...	...
31 0 0	31 0 0	34 8 0	4 4 0	4 4 0	4 8 0	25 0 0	25 0 0	25 0 0	0 8 11	0 8 11	...
29 8 0	29 8 0	32 0 0	8 0 0	8 0 0	8 0 0	per maund.			...	...	...
36 0 0	36 0 0	37 8 10	13 0 0	13 0 0	13 0 0	1 0 0	1 0 0	1 0 0	0 2 8	0 2 8	0 2
						per piece.					

SUPPLEMENT TO THE CALCUTTA GAZETTE, OCTOBER 11, 1899.

1783

the undermentioned *Marts* of Bengal on the 30th September 1899.

STRAW.			JUAR STALKS.			PRICES PER MAUND OF 40 STANDARD SEERS.										MARTS.
						IRON.			FIREWOOD.			SALT.				
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	
A. A. P.	Rs. A. P.	Rs. A. P.				Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
0 9 0	0 9 0	0 12 0	...	...	...	5 4 0	5 4 0	5 4 0	0 7 0	0 7 0	0 7 0	3 6 0	3 6 0	3 6 0	1. Calcutta.	
0 5 3	0 5 3	0 8 0	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	3 4 0	3 3 0	3 4 0	2. Burdwan.	
0 2 0	0 3 0	0 3 0	...	...	...	{ 4 0 0 to 4 8 0	{ 4 0 0 to 4 8 0	{ 4 8 0 to 4 12 0	0 5 0	0 5 0	0 4 0	3 8 0	3 8 0	3 9 0	3. Midnapore.	
0 12 0	0 12 0	0 12 0	...	...	...	7 8 0	7 8 0	7 8 0	0 4 0	0 4 0	0 4 0	3 14 0	3 14 0	3 14 0	4. Pabna.	
7 0	0 7 0	0 6 0	...	...	...	6 0 0	7 0 0	6 8 0	0 5 0	0 5 0	0 5 0	4 0 0	4 0 0	4 0 0	5. Rangpur.	
...	...	...	...	...	...	5 0 0	5 0 0	5 0 0	0 5 0	0 5 0	0 5 0	3 9 0	3 9 0	3 12 0	6. Dacca.	
...	...	...	...	...	...	5 8 0	5 8 0	5 0 0	...	...	...	3 8 0	3 8 0	3 8 0	7. Chittagong.	
...	...	...	...	...	...	3 0 0	3 0 0	3 0 0	0 6 6	0 6 6	0 5 6	3 7 6	3 7 6	3 8 0	8. Patna.	
...	...	...	...	...	...	5 11 6	6 10 6	8 7 0	0 4 0	0 4 0	0 4 3	3 8 0	3 8 0	4 7 0	9. Munshampur.	
...	...	...	...	...	...	5 0 0	5 8 0	5 4 0	0 6 3	0 6 6	0 5 6	3 14 0	3 9 0	3 10 0	10. Bhagalpur.	
9 6	0 9 6	...	...	...	...	4 8 0	4 8 0	4 8 0	0 4 0	0 4 0	0 5 0	3 0 0	3 0 0	3 2 0	11. Cuttack.	
No fixed rate.			...	...	...	5 0 0	5 0 0	5 11 0	0 4 0	0 4 0	0 4 0	4 0 0	4 2 0	4 6 0	12. Ranchi.	

F. A. SLACK,  
Offg. Secretary to the Govt. of Bengal.



## STOCKS OF RICE IN AND AROUND CALCUTTA.

No. 697 Statistics.—The following is published for general information.

F. A. SLACK,  
Offg. Secy. to the Govt. of Bengal.

Statement showing the Stocks of Rice in and around Calcutta during October 1899.

STOCKS IN HAND AS COMPILED BY—

NAMES OF MARTS.	1st week of Oct. 1898.	1st week of Nov. 1898.	1st week of Dec. 1898.	1st week of Jan. 1899.	1st week of Feb. 1899.	1st week of March 1899.	1st week of April 1899.	1st week of May 1899.	1st week of June 1899.	1st week of July 1899.	1st week of August 1899.	1st week of Sept. 1899.	1st week of Oct. 1899.
Ballaighata	Mds. 2,53,550	Mds. 1,77,000	Mds. 1,88,000	Mds. 2,12,000	Mds. 2,41,000	Mds. 6,30,000	Mds. 6,53,800	Mds. 7,18,000	Mds. 8,11,000	Mds. 7,73,000	Mds. 4,71,000	Mds. 2,29,000	Mds. 3,53,000
Ulladanga	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "
Chitpur, Golabaree, Kumar- tooly, Hathola, and Gulp Ghat.	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "
Pathuraghat, Posta, and Jorabagan.	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "
Tallygaunge, Chella, Kidderpore, and Munshucani.	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "
Minor bazars (1) ...	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "
Other retail shops (1) ...	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "
Ramkrishnapur ...	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "
Bakirabali, Nawabganj, Pha- drawar, and Chandernagore.†	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "
Total	12,53,733	12,41,798	11,62,995	13,14,337	13,40,066	18,33,376	19,15,887	19,47,694	20,23,572	19,06,869	15,75,331	13,25,634	14,39,353
On Railway premises on both sides of the river.‡	8,298 (on 3rd October 1898.)	5,106 (on 3rd Nov. 1898.)	15,538 (on 3rd Dec. 1898.)	22,394 (on 3rd Jan. 1899.)	16,316 (on 3rd Feb. 1899.)	25,068 (on 3rd March 1899.)	18,294 (on 3rd April 1899.)	5,438 (on 3rd May 1899.)	4,688 (on 3rd June 1899.)	888 (on 3rd July 1899.)	1,508 (on 3rd August 1899.)	4,325 (on 3rd Sept. 1899.)	3,875 (on 3rd Oct. 1899.)
On boats not yet unloaded—													
By Port Commissioners' returns.	25,328 (1st to 3rd October 1898.)	26,826 (1st to 3rd Nov. 1898.)	53,250 (1st to 3rd Dec. 1898.)	37,943 (2nd to 4th Jan. 1899.)	68,146 (1st to 3rd Feb. 1899.)	47,063 (1st to 3rd March 1899.)	45,950 (1st to 3rd April 1899.)	21,935 (1st to 3rd May 1899.)	28,190 (1st to 3rd June 1899.)	30,576 (1st to 3rd July 1899.)	33,147 (1st to 3rd August 1899.)	27,333 (1st to 3rd Sept. 1899.)	51,534 (1st to 3rd Oct. 1899.)
By Canal returns ...	34,304 (1st to 3rd October 1898.)	49,369 (1st to 3rd Nov. 1898.)	39,191 (1st to 3rd Dec. 1898.)	81,453 (2nd to 4th Jan. 1899.)	1,05,388 (1st to 3rd Feb. 1899.)	92,706 (1st to 3rd March 1899.)	41,311 (1st to 3rd April 1899.)	30,944 (1st to 3rd May 1899.)	29,087 (1st to 3rd June 1899.)	23,356 (1st to 3rd July 1899.)	38,400 (1st to 3rd August 1899.)	20,775 (1st to 3rd Sept. 1899.)	81,114 (1st to 3rd Oct. 1899.)
Grand total of Stocks ...	13,31,953	13,23,130	12,44,375	14,56,061	15,37,940	19,68,126	20,30,348	20,69,239	20,86,147	19,51,639	16,49,471	13,56,067	15,75,875

\* This mart is in the Howrah district, and the figures have been obtained by local enquiry.

† Figures furnished by the Collector of Hooghly.

‡ Ditto by the Railway authorities.

(1) Estimated as a constant quantity.

STATISTICAL DEPARTMENT,  
The 7th October 1899.F. A. SLACK,  
Offg. Secy. to the Govt. of Bengal.

**Abstract of the Results of Meteorological Observations taken at the Alipore Observatory in the month of September 1899.**

	Inches.	Date.	Hour.
The mean pressure of the month	29.724		
The average pressure of September from 24 years' registers	29.682		
The highest pressure in the month	29.884	27th	10th
The lowest pressure in the month	29.393	23rd	16th
The range of pressure	0.491		
Hours.			
The total number of hours of bright sunshine during the month	111.4		
The maximum possible number of hours of sunshine	367.0		
°			
The mean temperature of the month	84.2		
The average temperature of September from 24 years' registers	83.3		
The highest temperature in the month	94.6	9th	
The lowest temperature in the month	76.7	13th and 24th.	
The range of temperature during the month	17.9		
The mean daily range of temperature	11.8		
The greatest range of temperature in one day	15.6	3rd	
Per cent.			
The mean humidity of the month	86		
The average humidity of September from 24 years' registers	85		
Inches.			
The mean vapour tension of the month	0.999		
The average vapour tension of September from 9 years' registers	0.987		
The mean cloud proportion of the month	5.80		
The average cloud proportion of September from 22 years' registers	6.91		
Ins.			
The total rainfall of the month	8.94		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground)	8.03		
The average fall of September from 24 years' registers	10.18		
The greatest fall in 24 hours	4.30	23rd	
Days.			
The number of rainy days in the month	12		
The average number of rainy days in September from 48 years' registers	21		
The mean maximum equilibrium temperature of solar radiation during the month	143.0		
The mean difference of sun and air temperatures	52.2		
The greatest sun temperature	154.2	18th	
The greatest excess of sun over air temperature	61.6	18th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth	76.5		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	2.7		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	5.8	28th	
Miles.			
The mean movement of the wind per day	75.0		
The greatest movement of the wind in one day	240.0	24th	
The greatest movement of the wind in one hour	17.0	23rd, 9 to 10 P.M.	
The number of hours with winds from each of the 8 points—			
N. 42, N.E. 27, E. 40, S.E. 47, S. 147, S.W. 179, W. 94, N.W. 42, Calm 102.			

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently equal, and, finally, the thermometer which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards is found to read 0.6 higher than the Kew Standard thermometer, which is the standard of reference at the present Observatory.

G. W. KÜCHLER,

METEOROLOGICAL OFFICE, GOVT. OF INDIA,  
Calcutta, the 7th October 1899.

*For Meteorological Reporter to the Govt. of India,  
and Director-General of Indian Observatories.*

**Results of the Meteorological Observations taken at the Alipore Observatory from  
1st to 7th October 1899.**

Month	Date	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 82° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1899.				Inches.						Inches.		%			Inches.	
Oct.	1st	146.7	8.8	29.828	82.9	90.6	18.0	77.6	79.2	0.952	77.7	85	ESE and calm ...	20	Nil	Chiefly cloudy, A.
"	2nd	147.3	7.6	.868	83.8	91.2	13.7	77.5	78.9	.926	76.9	81	NNW and calm...	45	"	Partially cloudy, A.
"	3rd	149.1	7.4	.917	84.3	91.4	13.2	78.2	80.0	.967	78.2	82	N and calm ...	34	"	Partially cloudy, A.
"	4th	147.4	6.8	.890	83.3	92.1	13.7	78.4	77.5	.867	74.9	76	NNE and calm ...	23	"	Partially cloudy, A.
"	5th	146.7	9.8	.848	82.4	91.0	17.1	73.9	76.3	.826	73.5	75	WSW, WNW and calm.	41	"	Chiefly clear, A.
"	6th	145.1	9.6	.855	83.0	91.1	15.9	75.2	78.2	.902	76.1	80	SW and calm ...	57	"	Chiefly clear, A.
"	7th	146.7	9.8	.885	84.1	90.9	13.7	77.2	79.1	.928	76.9	79	SW by S, SSW and SW by W.	62	"	Partially cloudy, A.

The mean pressure of the seven days

The average pressure of the corresponding period for 24 years, Surveyor-General's Office

The total number of hours of bright sunshine

The maximum possible number of hours of sunshine

The mean temperature of the seven days

The average temperature of the corresponding period for 24 years, Surveyor-General's Office

The extreme variation of temperature

The maximum temperature

The highest velocity of the wind in one hour

The mean relative humidity

The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office

The total fall of rain from 1st to 7th October 1899

The average fall of the corresponding period for 24 years, Surveyor-General's Office

The total fall from 1st January to 7th October 1899

The average fall of the corresponding period for 24 years, Surveyor-General's Office

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h., and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beekley's anemograph. The mouth of the rain-gauge is one foot above the ground.

A, dew.

METEOROLOGICAL OFFICE, GOVT. OF INDIA,  
Calcutta, the 9th October 1899.

G. W. KÜHLER,  
For Meteorological Reporter to the Govt. of India,  
and Director-General of Indian Observatories.

Dysentery.		Cholera.		Small-pox.		Fever.		Dysentery and Diarrhoea.		Injury.		Other causes.		TOTAL OF ALL CAUSES.		AVERAGE OF CORRESPONDING MONTHS OF PREVIOUS FIVE YEARS.		REMARKS.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		19	20	21	22					
Population under registration.		Number registered.		Ratio per 1,000 of population per annum.		Number registered.		Ratio per 1,000 of population per annum.		Number registered.		Ratio per 1,000 of population per annum.		Number registered.		Ratio per 1,000 of population per annum.		Number registered.		Ratio per 1,000 of population per annum.		Number registered.		Ratio per 1,000 of population per annum.			
Burdwan	1,381,880	4,463	38.40	48	3.6	2,000	19.80	60	4.8	845	7.20	3,354	28.44	3,145	28.44	3,145	28.44	3,145	28.44	3,145	28.44	3,145	28.44	3,145	28.44	3,145	28.44
Birahm	788,354	2,756	41.72	61	7.8	1,188	21.30	7	0.9	712	10.68	2,245	33.72	2,065	33.72	2,065	33.72	2,065	33.72	2,065	33.72	2,065	33.72	2,065	33.72	2,065	33.72
Bankura	1,006,669	4,093	40.84	212	2.1	3,187	16.72	124	1.2	1,352	6.88	3,831	23.96	3,531	23.96	3,531	23.96	3,531	23.96	3,531	23.96	3,531	23.96	3,531	23.96	3,531	23.96
Bangalore	2,031,216	8,763	35.96	212	1.0	1,071	17.72	151	0.7	1,071	17.72	1,071	17.72	1,071	17.72	1,071	17.72	1,071	17.72	1,071	17.72	1,071	17.72	1,071	17.72	1,071	17.72
Boothly, including Seram-	1,034,286	2,131	24.60	37	0.6	1,071	22.92	151	1.5	1,071	22.92	1,071	22.92	1,071	22.92	1,071	22.92	1,071	22.92	1,071	22.92	1,071	22.92	1,071	22.92	1,071	22.92
Bombay	763,635	1,883	24.66	34	0.8	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00	1,100	18.00
Bombay	1,892,035	4,080	25.92	34	0.8	1,100	18.00	953	3.0	1,100	18.00	953	3.0	1,100	18.00	1,100	18.00	1,100	18.00								

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,  
The 7th October 1899.

**H. J. DYSON, Major, I.M.S., F.R.C.S.,**  
*Sanitary Commissioner for Bengal.*

## Vital Statistics of Towns in Bengal with a population of 20,000 and over during the month of August 1899.

Districts.	Towns.	Population under registra- tion.	BIRTHS.		CHOLERA.		SMALL-POX.		FEVER.		DIARRHEA AND DYSENTERY.		OTHER CAUSES.		TOTAL OF ALL CAUSES.		AVERAGE OF CORRESPONDING MONTH OF PRE- VIOUS FIVE YEARS.		REMARKS.		
			Number re-	Ratio per 1,000 per annum.	Number re-	Ratio per 1,000 per annum.	Number re-	Ratio per 1,000 per annum.	Number re-	Ratio per 1,000 per annum.	Number re-	Ratio per 1,000 per annum.	Number re-	Ratio per 1,000 per annum.	Number re-	Ratio per 1,000 per annum.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Burdwan	...	34,477	53	20.76	...	...	...	...	54	15.73	6	2.04	...	...	13	4.08	73	25.32	83	30.60	
Midnapore	...	33,244	104	31.64	...	...	...	...	67	20.17	12	4.44	...	...	15	5.52	76	22.86	91	31.93	
Hoochly	...	33,040	54	16.36	...	...	...	...	46	13.92	28	8.48	...	...	19	6.34	149	45.79	94	34.04	
Hoochly	...	33,040	54	16.36	...	...	...	...	33	10.00	20	6.06	...	...	7	2.12	137	41.79	126	48.00	
Hoochly	...	33,040	54	16.36	...	...	...	...	213	64.59	68	20.61	...	...	16	4.85	331	100.90	311	94.19	
Hoochly	...	33,040	54	16.36	...	...	...	...	21	6.36	3	0.91	...	...	1	0.30	33	10.00	30	9.09	
Hoochly	...	33,040	54	16.36	...	...	...	...	20	6.06	3	0.91	...	...	1	0.30	33	10.00	30	9.09	
Hoochly	...	33,040	54	16.36	...	...	...	...	71	21.52	28	8.48	...	...	17	5.18	124	37.53	83	25.10	
Hoochly	...	33,040	54	16.36	...	...	...	...	63	19.09	17	5.18	...	...	13	3.96	93	28.16	109	32.98	
Hoochly	...	33,040	54	16.36	...	...	...	...	44	13.36	3	0.91	...	...	5	1.51	87	26.48	109	32.98	
Hoochly	...	33,040	54	16.36	...	...	...	...	49	14.84	14	4.24	...	...	8	2.42	75	22.73	83	25.10	
24-Parganas	...	30,847	39	12.65	...	...	...	...	43	14.27	5	1.51	...	...	9	2.72	63	20.46	81	27.00	
Calcutta	...	30,794	43	14.27	...	...	...	...	382	12.43	230	7.48	...	...	1,081	3.50	1,775	56.44	1,083	35.24	
Calcutta	...	30,794	43	14.27	...	...	...	...	33	10.75	...	...	...	...	1	0.30	36	11.70	43	14.27	
Calcutta	...	30,794	43	14.27	...	...	...	...	68	22.07	...	...	...	...	16	5.20	76	24.68	60	19.48	
Calcutta	...	30,794	43	14.27	...	...	...	...	78	25.36	...	...	...	...	1	0.30	83	27.00	63	20.46	
Calcutta	...	30,794	43	14.27	...	...	...	...	17	5.52	...	...	...	...	2	0.60	21	6.64	51	15.93	
Calcutta	...	30,794	43	14.27	...	...	...	...	112	36.40	...	...	...	...	1	0.30	20	6.18	21	6.64	
Calcutta	...	30,794	43	14.27	...	...	...	...	29	8.75	...	...	...	...	1	0.30	36	11.70	183	59.48	
Calcutta	...	30,794	43	14.27	...	...	...	...	245	76.76	...	...	...	...	2	0.60	203	62.73	183	59.48	
Calcutta	...	30,794	43	14.27	...	...	...	...	60	18.18	...	...	...	...	1	0.30	37	11.27	618	198.88	
Calcutta	...	30,794	43	14.27	...	...	...	...	90	27.27	...	...	...	...	1	0.30	100	30.30	283	85.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	230	70.73	...	...	...	...	1	0.30	463	139.85	183	59.48	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.75	...	...	...	...	8	2.42	227	68.88	517	157.16	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.75	...	...	...	...	8	2.42	227	68.88	517	157.16	
Calcutta	...	30,794	43	14.27	...	...	...	...	44	13.36	...	...	...	...	3	0.91	79	23.40	229	69.69	
Calcutta	...	30,794	43	14.27	...	...	...	...	33	10.00	...	...	...	...	2	0.60	91	27.90	183	59.48	
Calcutta	...	30,794	43	14.27	...	...	...	...	33	10.00	...	...	...	...	2	0.60	91	27.90	183	59.48	
Calcutta	...	30,794	43	14.27	...	...	...	...	44	13.36	...	...	...	...	3	0.91	93	28.16	183	59.48	
Calcutta	...	30,794	43	14.27	...	...	...	...	81	24.55	...	...	...	...	3	0.91	143	43.85	173	51.90	
Calcutta	...	30,794	43	14.27	...	...	...	...	112	34.45	...	...	...	...	4	1.20	230	70.73	283	85.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	34	10.30	...	...	...	...	3	0.91	70	21.21	183	59.48	
Calcutta	...	30,794	43	14.27	...	...	...	...	112	34.45	...	...	...	...	4	1.20	230	70.73	283	85.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	34	10.30	...	...	...	...	3	0.91	70	21.21	183	59.48	
Calcutta	...	30,794	43	14.27	...	...	...	...	10	3.03	...	...	...	...	1	0.30	36	10.86	119	35.80	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,794	43	14.27	...	...	...	...	35	10.61	...	...	...	...	1	0.30	76	22.73	146	43.85	
Calcutta	...	30,																			



## EAST INDIAN RAILWAY.

Statement of Goods Traffic in staples carried during the four weeks ending 26th August 1899 as compared with the same period of 1898.

STAPLES.	1898.		1899.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
Coal & Coke carried for the public and foreign railways	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Cotton, raw	71,64,288	9,64,712	67,47,203	10,23,416	.....	38,704	4,17,085	.....
Cotton, manufactured—					7,733	6,486	.....	.....
1.—Twist & Yarn, European	5,880	6,122	4,045	4,577	.....	.....	1,044	1,045
2.—Ditto, Indian	36,965	17,768	44,039	19,053	.....	1,945	.....	.....
3.—Piece-goods—European	64,080	74,001	45,571	53,304	8,974	.....	32,500	31,787
4.—Ditto—Indian	14,308	5,168	12,273	7,365	.....	.....	1,986	963
Drugs and Chemicals—								
1.—Intoxicating, other than opium	288	160	540	301	252	226	.....	.....
2.—Non-intoxicating	8,243	7,130	9,964	6,887	1,721	.....	.....	340
Dyes and Tans—								
1.—Indigo	872	230	995	340	723	110	.....	.....
2.—Myrabolams	3,359	1,343	5,281	1,141	1,422	.....	.....	307
3.—Cutch	2,218	1,071	2,258	998	60	.....	.....	73
4.—Turmeric	8,496	6,816	6,825	4,870	.....	.....	1,088	1,940
5.—Alizarine and aniline dyes	235	99	187	161	.....	63	48	.....
6.—Al (Morinda citrifolia)	210	68	9	1	.....	.....	201	67
7.—Others	1,064	194	490	230	.....	45	878	.....
Grain and Pulse—								
1.—Wheat	2,00,681	71,425	3,56,783	1,41,826	5,58,101	70,401	.....	.....
2.—Rice in the husk	94,845	11,677	2,43,232	31,880	1,43,377	20,203	.....	.....
3.—Rice not in the husk	2,36,113	11,637	6,83,675	1,49,153	3,47,538	97,316	.....	.....
4.—Jowar and bajra	8,981	1,080	9,677	1,015	.....	.....	304	914
5.—Gram & pulses	2,61,411	61,805	5,22,103	1,06,981	2,60,598	58,076	.....	.....
6.—Others	34,254	6,632	1,20,241	18,236	85,977	11,463	.....	.....
Hides and Skins—								
1.—Hides of cattle	30,121	16,676	41,704	25,278	11,643	8,697	.....	.....
2.—Skins of sheep, &c.	15,434	6,518	24,493	15,717	9,059	7,190	.....	.....
Horns	1,707	884	2,033	1,087	835	208	.....	.....
Hemp and other fibres	71,360	14,336	7,103	1,725	.....	.....	64,256	12,609
Jute—								
1.—Raw	35,823	7,483	81,854	13,952	46,032	6,467	.....	3,441
2.—Gunny-bags and cloth	70,967	36,571	76,316	33,430	5,649	.....	.....	.....
Leo—								
1.—Stick	18,040	6,509	40,555	14,414	22,506	7,908	.....	.....
2.—Shell	11,990	9,531	22,020	16,333	10,021	6,404	.....	.....
Leather, manufactured	3,580	3,518	6,681	4,598	2,101	1,080	.....	.....
Liquors—								
1.—Ale and Beer	10,464	3,617	10,234	3,251	.....	.....	180	306
2.—Spirits of all kinds, including country spirit	1,658	2,140	1,478	1,416	.....	.....	180	734
3.—Wines	2,419	3,705	2,308	3,652	.....	.....	113	103
4.—All other sorts, including toddy and fermented liquor, other than ale and beer	06	24	161	38	86	8	.....	.....
Metals—								
1.—Copper, unwrought	917	1,048	168	181	.....	.....	740	887
2.—Brass, ditto	1,970	1,148	463	863	.....	.....	1,507	785
3.—Copper, wrought	862	491	643	360	.....	.....	220	124
4.—Brass, ditto	15,373	6,045	13,706	5,636	.....	.....	1,668	409
5.—Iron and steel—								
(a) Cast	86,026	8,631	15,435	4,067	.....	.....	22,591	4,564
(b) Unwrought	3,012	378	3,785	818	.....	.....	127	.....
(c) Wrought	64,574	30,520	56,784	25,688	.....	440	7,790	4,633
(d) Manufactures of iron and steel	31,540	17,498	34,165	18,308	3,615	.....	1,340	2,190
6.—Zinc and spelter	2,775	2,071	1,420	732	.....	.....	.....	1,339
7.—Others	7,890	6,032	8,704	5,467	814	.....	.....	878
Oil—								
1.—Kerosine	1,11,150	20,581	1,06,207	40,169	.....	570	2,943	.....
2.—Castor	4,130	1,267	2,638	844	.....	.....	1,601	483
3.—Cocoanut	3,716	2,005	4,236	1,576	.....	.....	.....	.....
4.—Mustard and rape	4,120	974	9,061	3,769	4,931	2,705	.....	.....
5.—Others	6,233	2,901	5,570	2,960	.....	125	703	.....
Oilseeds—								
1.—Linseed	9,34,618	2,33,581	6,20,003	1,73,202	.....	.....	2,94,365	60,379
2.—Rapo and mustard	4,97,763	1,15,071	2,01,523	63,100	.....	.....	2,26,245	59,971
3.—Til or jinjili	7,494	1,088	6,062	694	.....	.....	1,432	834
4.—Poppy	59,693	16,467	41,946	10,403	.....	.....	17,943	4,974
5.—Kathinuts	38	20	42	0	.....	.....	.....	25
6.—Castor	68,370	13,083	22,874	5,454	.....	.....	30,496	8,529
7.—Others	6,736	1,240	49,089	14,744	34,353	13,405	.....	.....
Opium	185	243	1,029	820	844	377	.....	.....
Paper and pasteboard	16,762	8,206	16,810	10,440	1,048	2,141	.....	.....
Provisions—								
1.—Ghee	43,785	34,037	44,588	24,995	1,773	.....	.....	9,032
2.—Dried fruits and nuts	5,420	2,017	10,060	6,515	6,346	4,498	.....	.....
3.—Potatoes	63,348	22,109	68,230	20,386	.....	.....	4,116	1,713
4.—Others	78,633	30,004	98,838	21,023	20,905	.....	.....	.....
Railway plant & rolling-stock carried for the public & foreign railways—								
1.—Locomotive engines & tenders & parts thereof	3,067	707	.....	.....	.....	.....	.....	.....
2.—Carriages & trucks & parts thereof	771	134	17,546	3,490	16,775	2,386	3,067	707
3.—Materials—								
(a) Steel rails & fish-plates	43,216	6,951	16,073	4,973	.....	.....	33,143	4,279
(b) Sleepers and keys of steel and cast-iron	.....	.....	21,945	14,696	21,945	14,696	.....	.....
(c) Other sorts	50,653	6,806	1,44,336	19,296	1,13,733	12,489	.....	.....
Belk	2,61,523	58,896	2,80,137	64,813	18,604	5,920	.....	.....

1790

## SUPPLEMENT TO THE CALCUTTA GAZETTE, OCTOBER 11, 1899.

STAPLES.	1898.		1899.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
<b>Saltpetre, &amp;c.—</b>								
1.—Saltpetre ... ..	35,604	14,732	26,023	13,173	.....	.....	9,582	1,559
2.—Other saline substances ... ..	28,460	11,910	32,076	8,708	.....	.....	3,616	2,702
<b>Silk, raw.—</b>								
1.—Foreign ... ..	1,191	747	700	452	.....	.....	491	295
2.—Indian ... ..	.....	.....	.....	.....	.....	.....	.....	.....
<b>Silk piece-goods.—</b>								
1.—Foreign ... ..	158	219	63	53	.....	.....	95	166
2.—Indian ... ..	.....	.....	.....	.....	.....	.....	.....	.....
<b>Spices.—</b>								
1.—Betel-nuts ... ..	12,385	16,110	10,137	17,178	.....	2,668	3,448	.....
2.—Pepper ... ..	1,020	1,396	2,027	1,745	407	349	.....	.....
3.—Ginger ... ..	1,120	529	1,333	830	213	301	.....	.....
4.—Chillies ... ..	8,857	9,580	6,749	2,549	.....	.....	2,117	7,031
5.—Cardamoms ... ..	202	163	405	484	203	296	.....	.....
6.—Others ... ..	783	813	899	637	116	.....	.....	276
<b>Stone and lime ... ..</b>	4,50,091	67,620	4,50,460	69,216	369	1,602	.....	.....
<b>Sugar.—</b>								
1.—Refined ... ..	7,490	2,880	7,273	3,948	.....	1,652	217	.....
2.—Unrefined ... ..	1,20,612	21,954	1,48,108	24,021	21,556	2,067	.....	.....
<b>Tea.—</b>								
1.—Foreign ... ..	3,917	2,658	5,233	3,683	1,316	115	.....	.....
2.—Indian ... ..	60,760	10,767	22,703	13,109	21,943	2,092	.....	.....
<b>Timber ... ..</b>	64,117	22,300	64,973	21,312	856	.....	.....	988
<b>Tobacco ... ..</b>	.....	.....	.....	.....	.....	.....	.....	.....
<b>Wool.—</b>								
(a) Raw ... ..	2,409	1,471	2,268	1,497	.....	26	141	.....
(b) Manufactured—								
1.—Carpets and rugs ... ..	398	427	736	1,077	338	650	.....	.....
II.—Piece-goods, European ... ..	832	1,710	950	272	.....	.....	362	1,438
III.—" Indian ... ..	3,109	2,813	2,325	2,756	.....	.....	674	67
IV.—Other sorts of manufactures ... ..	.....	.....	172	27	172	27	.....	.....
<b>All other articles of merchandise.—</b>								
1.—Bones ... ..	42,040	10,161	37,623	8,756	.....	.....	5,417	1,423
2.—Firewood ... ..	24,122	1,173	36,181	2,321	12,459	1,147	.....	.....
3.—Indigo seed ... ..	5,217	1,437	3,577	1,384	.....	07	1,640	.....
4.—Oil-cake ... ..	57,377	9,772	63,238	10,637	5,861	1,165	.....	.....
5.—Paints & colours ... ..	22,960	4,411	6,761	3,146	.....	.....	16,205	1,265
6.—Seeds other than oilseeds ... ..	30,264	16,347	29,400	11,416	.....	.....	8,858	4,932
7.—Wooden articles ... ..	8,172	3,559	11,626	6,336	3,454	1,706	.....	.....
8.—Others ... ..	1,76,222	71,991	3,14,850	1,26,835	1,38,628	53,844	.....	.....
<b>Total ... ..</b>	1,22,97,898	24,14,068	1,30,51,561	28,50,690	7,53,662	2,36,631	.....	.....
<b>Military stores ... ..</b>	12,316	17,570	12,030	26,102	343	8,022	.....	.....
<b>Coal for railway ... ..</b>	9,54,622	79,388	10,67,742	70,918	1,13,120	.....	.....	8,470
<b>Railway materials ... ..</b>	16,86,167	56,493	19,15,895	73,445	2,29,728	16,922	.....	.....
<b>Live-stock ... ..</b>	.....	3,557	.....	11,597	.....	8,040	.....	.....
<b>Total ... ..</b>	1,49,51,020	25,71,076	1,60,47,647	38,82,921	10,96,027	2,01,745	.....	.....

O. W. CLARKE, Assistant Auditor.

TRAFFIC AUDIT OFFICE, GOODS DIVISION, JAMALPUR, the 6th October 1899.



## Weekly Return of Traffic Receipts on Indian Railways.

## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BIHAR SECTIONS.)

Approximate Return of Traffic and Mileage for the week ended 30th September 1899 on 834 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	196,140	1,03,440 0 0	14,01,400 0	3,15,730 0 0	42,140 0 0	4,00,800 0 0	36,530	49,818	86,338
Or per mile of railway ...	234	123 0 0	1,680 0	379 0 0	32 0 0	7534 0 0	...	...	...
For previous 13 weeks of half-year ...	2,402,478	10,83,507 0 0	1,14,83,701 0	23,78,346 0 0	1,08,508 0 0	36,35,315 0 0	492,116	469,337	961,451
Total for 13 weeks ...	2,597,018	11,90,947 0 0	1,23,85,101 0	26,93,986 0 0	2,10,708 0 0	40,98,615 0 0	468,934	519,155	988,089
COMPARISON.									
Total for corresponding week of previous year ...	186,865	53,115 0 0	12,37,023 0	2,75,130 0 0	12,401 0 0	3,70,645 0 0	23,913	37,532	71,445
Per mile of railway corresponding week of previous year ...	227	103 0 0	1,636 0	326 0 0	1 0 0	450 0 0	...	...	...
Total to corresponding date of previous year ...	2,372,340	9,98,410 0 0	1,16,93,361 0	23,23,000 0 0	2,00,618 0 0	34,31,302 0 0	4,45,979	453,451	900,400

\* Audited up to 12th August 1899.

† Excluding steamer earnings.

NOTE—Increase chiefly due to jute, grain and pulse and sundries.

## DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 30th September 1899 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	20,100	9,140 0 0	53,930 0	5,370 0 0	90 0 0	14,590 0 0	2,300	1,910	4,170
Or per mile of railway ...	239	103 0 0	615 0	63 0 0	1 0 0	170 0 0	...	...	...
For previous 13 weeks of half-year ...	2,96,000	86,822 0 0	333,969 0	24,919 0 0	1,651 0 0	1,13,203 0 0	31,306	16,902	48,200
Total for 13 weeks ...	2,36,000	96,963 0 0	380,919 0	30,289 0 0	1,731 0 0	1,27,963 0 0	33,658	18,812	52,470
COMPARISON.									
Total for corresponding week of previous year ...	23,150	6,963 0 0	42,363 0	3,365 0 0	53 0 0	10,940 0 0	2,464	1,940	4,444
Per mile of railway corresponding week of previous year ...	269	81 0 0	491 0	45 0 0	1 0 0	127 0 0	...	...	...
Total to corresponding date of previous year ...	2,97,623	88,169 0 0	314,257 0	25,209 0 0	2,910 0 0	1,16,471 0 0	31,616	20,222	57,840

\* Audited up to 12th August 1899.

## MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 30th September 1899 on 83 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	5,040	940 0 0	7,940 0	280 0 0	...	1,320 0 0	210	1,204	1,414
Or per mile of railway ...	153	28 0 0	239 0	13 0 0	...	40 0 0	...	...	...
For previous 13 weeks of half-year ...	53,215	8,943 0 0	31,693 0	2,880 0 0	40 0 0	11,769 0 0	4,636	11,123	15,760
Total for 13 weeks ...	43,284	9,783 0 0	39,333 0	3,260 0 0	40 0 0	12,069 0 0	4,946	12,435	17,374
COMPARISON.									
Total for corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year ...	...	...	...	...	...	...	...	...	...

\* Includes ballast train-miles 600.

† Audited up to 12th August 1899.

## DARJERLING-HIMALAYAN RAILWAY COMPANY, LIMITED.

						Rs.	A.	P.
Approximate earnings for the week ending 30th September 1899	...	...	...	...	...	6,922	0	0
Ditto for the corresponding period of 1898	...	...	...	...	...	13,141	0	0
Decrease	...	...	...	...	...	6,219	0	0
Receipts per mile for the week ending 30th September 1899	...	...	...	...	...	136	11	7
Ditto for the corresponding period of 1898	...	...	...	...	...	257	10	8
Decrease	...	...	...	...	...	121	15	1
Receipts from 1st July to 30th September 1899	...	...	...	...	...	1,57,896	0	0
Ditto for the corresponding period of 1898	...	...	...	...	...	1,70,709	0	0
Decrease	...	...	...	...	...	12,813	0	0



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, OCTOBER 18, 1899.

## OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.]

### CONTENTS.

Page.	Page.
Resolution on the Report of the Board of Revenue on the Road and Public Works Cess Operations for the year 1898-99 ... 1785	METEOROLOGICAL Report of the Province of Bengal for the month of September 1899 ... 1800
Weather and Crop Report for the week ending 10th October 1899 ... 1801	Table of Rainfall recorded at stations in Bengal in September 1899 ... 1808
Results of the Meteorological Observations taken at the Aupore Observatory from 8th to 14th October 1899 ... 1805	Begowrie-Baksaul Branch Railway for the half year ending 30th June 1899 ... 1818
	Weekly return of Traffic Receipts on Indian Railways ... 1820

### RESOLUTION ON THE REPORT OF THE BOARD OF REVENUE ON THE ROAD AND PUBLIC WORKS CESS OPERATIONS FOR THE YEAR 1898-99.

FINANCIAL DEPARTMENT.—ROAD & P. W. CESS.

*Darjeeling, the 11th October 1899.*

RESOLUTION—No. 5828R.P.

READ—

The Report of the Board of Revenue on the Road and Public Works Cess operations for the year 1898-99.

The Road and Public Works Cesses were levied at the maximum rate of one anna in the rupee during the year under review in all the districts in which Act IX (B.C.) of 1880 is in force. The following table compares the main results of the working of the Act during the past two years :—

			1897-98.		1898-99.
(1) Current net demand	...	Rs.	89,56,309	Rs.	90,38,880
(2) Arrear " "	...	"	17,82,378	"	18,60,441
(3) Total " "	...	"	1,07,38,687	"	1,08,99,321
(4) Total collections	...	"	88,71,693	"	90,06,445
(5) Remissions	...	"	81,813	"	56,005
(6) Net balance	...	"	18,75,440	"	19,07,444
(7) Percentage of total collections on current demand	...		99.0		99.6
(8) Percentage of current collections on current demand	...		84.3		82.9

	1897-98.	1898-99.
(9) Percentage of arrear collections on arrear demand ...	80.2	80.1
(10) Number of revenue-paying estates assessed ...	246,638	252,436
(11) Number of revenue-free estates and rent-free tenures assessed ..	145,271	146,481
(12) Number of tenures assessed ...	1,521,897	1,575,142
(13) Number of recorded shareholders in estates ...	1,465,359	1,502,091
(14) Number of recorded shareholders in tenures ...	2,606,190	2,697,840
(15) Current demand of land revenue ...	Rs. 3,85,33,272	Rs. 3,90,03,120

The increase in the current demand has been obtained by revaluations and re-assessments in the districts of Burdwan, Mymensingh, and Backergunge.

The total collections show an increase of Rs. 1,34,752 over the figures of the previous year; but, owing to the enhanced demand, the balance outstanding at the close of the year increased by Rs. 32,004. The percentage of current collections on the current demand was 82.9 against 84.3, in 1897-98, and that of total collections on the current demand 99.6 against 99.0. The result was, on the whole, satisfactory.

2. In comparing the results of collections in the various districts as given in the following paragraphs, it should be noted that effect has not yet been given to the suggestion made by Government in 1894, that in calculating the percentage of collections on demand the amount affected by the 15 days' grace allowed by law, should be eliminated from the arrear. The Board propose to issue instructions which will ensure that this shall be done in future, and when this change is effected, the figures and explanations of the local officers will afford a juster criterion of the comparative standard of collections than they do at present. For the present year the mode of calculation hitherto adopted has been retained.

3. The following districts succeeded in attaining the accepted standard of cess administration for the first class, and showed a percentage of current collections above 90 per cent. and arrear collections above 80 per cent. during the year:—

DISTRICT.	Percentage of current collections on net current demand.			Percentage of arrear collections on net arrear demand.		
	1898-99.	1897-98.	1896-97.	1898-99.	1897-98.	1896-97.
1	2	3	4	5	6	7
Darjeeling ...	99.9	99.7	99.8	94.6	94.4	100
Jalpaiguri ...	99.7	99.7	99.7	100	100	100
Singhbhum ...	98.9	100	99.9	100	100	100
Purnea ...	97.4	89.7	93.3	95.6	35.0	91.4
Malda ...	95.7	96.7	97.5	99.7	99.2	99.2
Bogra ...	94.8	94.8	95.7	100	100	99.9
Dinajpur ...	94.4	95.7	94.7	99.9	100	99.9
Balasore ...	93.7	93.4	95.8	80.9	67.0	73.2
Nadia ...	93.6	84.5	90.2	99.2	97.3	98.0
Rajshahi ...	92.3	91.6	92.4	98.7	98.3	96.9
Dacca ...	90.2	90.0	90.7	91.3	90.3	90.6
Puri ...	91.8	97.2	96.6	99.8	100	99.0
Noakhali ...	90.1	92.4	92.4	90.0	96.7	96.5

The number of districts under this class remains the same (13) as in the year 1897-98, but Birbhum has descended to class II and Hazaribagh and Rangpur to class III from class I of the preceding year, their places being taken by Nadia, Purnea, and Balasore. All of these districts, except the three named last, showed equally good results during the last three years, and the results are creditable to the officers concerned. Though Dinajpur, Puri, and Noakhali

retain their former position, they show a decrease in both the current and arrear collections. Both current and arrear demands were realised in full in Singhbhum during 1897-98, but in the year under review the percentage of current collections on net current demand was 98·9. The districts of Jalpaiguri, Singhbhum, and Bogra succeeded in collecting the whole arrear demand.

4. The districts which fall into the second class, i.e., those which collected more than 90 per cent. of the current demand and less than 80 per cent. of the arrear demand are the following:—

DISTRICT.	Percentage of current collections on net current demand.			Percentage of arrear collections on net arrear demand.		
	1898-99.	1897-98.	1896-97.	1898-99.	1897-98.	1896-97.
1	2	3	4	5	6	7
Birbhum ...	95·0	94·3	94·7	72·3	99·3	98·1
Murshidabad ...	91·2	89·7	89·2	60·7	60·9	59·3
Gaya ...	90·8	76·3	74·0	76·9	89·2	84·6

Birbhum descended during the year from the first to the second class, owing, it is said, to the non-payment of the cesses till after the close of the year, by certain zamindars who are habitual defaulters and against whom certificates issued. Murshidabad and Gaya rose to this class from classes IV and III, respectively. In both these districts there was an improvement in the collection of current demand, but the arrear collections showed poor results. The short collections in Murshidabad are attributed to the difficulty experienced in realising cesses direct from rent-free lands, which were valued perfunctorily at the last revaluation. No explanation has been furnished of the falling off in Gaya, and the Collector has been requested to see that better results are secured in future.

5. In the districts of the third class mentioned below, the current collections fell short of 90 per cent. but the arrear collections exceeded 80 per cent.:—

DISTRICT.	Percentage of current collections on net current demand.			Percentage of arrear collections on net arrear demand.		
	1898-99.	1897-98.	1896-97.	1898-99.	1897-98.	1896-97.
1	2	3	4	5	6	7
Khufna ... 94·1	89·5	89·2	91·4	92·7	86·1	78·5
Rangpur ... 92·8	89·3	91·8	92·2	99·4	99·4	98·3
Champaran 95·5	87·5	60·9	60·3	99·9	98·4	95·9
Cuttack ...	87·0	84·7	81·6	80·8	79·8	90·5
Backergunge 96·1	85·2	85·0	85·6	99·1	97·7	98·7
Hazaribagh 96·2	84·9	94·4	96·3	91·9	93·8	97·6
Tippera ... 87·4	84·6	82·0	86·4	91·8	92·4	91·3
24 Parganas 89·0	83·9	84·0	85·0	88·2	80·4	87·8
Chittagong† ...	83·2	79·0	82·0	90·2	89·5	79·0
Darbhanga 91·5	83·3	84·9	84·8	83·4	83·7	90·6
Faridpur ... 88·9	82·5	76·9	79·3	86·2	75·6	84·7
Jessore ... 90·8	81·5	81·5	82·0	95·4	97·3	90·0
Monghyr ... 85·8	78·3	79·4	78·4	81·0	79·2	81·5
Midnapore 83·6	77·3	75·3	82·7	95·9	95·7	87·1
Palamanu ... 89·8	75·9	75·0	81·7	99·6	99·6	99·7
Patna ... 87·1	74·2	73·6	74·8	80·7	88·6	87·1
Ranchi ... 99·9	73·9	86·0	76·1	100	100	100
Muzaffarpur 82·7	63·6	67·3	68·2	84·7	84·8	83·7

\* There is no March kist in this district.

† The last kist (25th February) of the year in this district became payable on the 12th of March 1899.

The figures in the first column of the above statement represent the percentage of current collections on the current demand of the districts against which they are noted, after eliminating the sums affected by the period of grace, which ended after the close of the year, for the realisation of which no coercive measures could be taken within the year. The balance thus arrived at is the true arrear for the collection of which the District Officer is responsible, and it is the figures in column 1 which must therefore be taken as the criterion of the work done. Nadia and Gaya have, as stated before, risen to classes I and II, respectively, while Manbhum and Mymensingh have descended to class IV. On the other hand, Rangpur and Hazaribagh have come down to this class from class I, and Cuttack, Faridpur, and Monghyr have gained a step. Eliminating the amounts affected by the period of grace, Khulna, Rangpur, Champaran, Backergunge, Hazaribagh, Darbhanga, Jessore, and Ranchi succeeded in attaining the prescribed standard for the first class, exceeding 90 per cent. The short collections in Rangpur were due to the absence of voluntary payments on account of the very low price of rice and other agricultural products. In Cuttack, collections were retarded by the defaults of some big zamindars, especially the zamindar of Aul. In Tippera and Ranchi, large sums, on account of the March kist, were realised after the close of the year. In the 24-Parganas the reason assigned is the same as in the last year, namely, that petty defaulters availing themselves of the concession granted in 1895, whereby the levy of interest for petty arrears was forbidden, withheld payment of cesses until the issue of attachment and sale notices. The bad outturn of crops during the last two years and the cyclone of 1897 told seriously upon the condition of the people of Chittagong, and account for the short collections in the district. The poor results in Muzaffarpur were due to the damage done by the floods of 1898. The prevalence of distress in the first quarter of the year and the failure of the jute crop from which the raiyats get most of their ready money are among the causes which contributed to the short collections in Jessore. With regard to Monghyr, the Board write:—"The majority of the zamindars pay their cesses through *tipdars* or agents, who appear to be in the habit of utilising the money of their constituents for their own benefit. The practice of paying Government demand through these agents, who watch the proceedings of the Arrear Collection Department and do not pay the cesses till certificates are ready to be filed, is one of the causes which impede the collection from reaching the prescribed standard." Midnapore has improved a little in collecting both current and arrear demands. The bad results in Palamau are attributable to defaults by the zamindars of Sonepura, Nowa, &c.

6. The districts of the fourth or lowest class, in which the current collections fell short of 90 per cent., and arrear collection of 80 per cent., are the following. This class contains nine districts against ten in the preceding year:—

DISTRICT.	Percentage of current collections on net current demand.			Percentage of arrear collections on net arrear demand.		
	1898-99.	1897-98.	1896-97.	1898-99.	1897-98.	1896-97.
1	2	3	4	5	6	7
Pabna ... 94·3	89·6	92·3	90·1	70·1	72·3	72·1
Bhagalpur ... 93·8	87·2	86·1	88·9	74·0	76·7	83·0
Shahabad ... 92·9	84·3	85·5	82·4	69·8	77·3	76·7
Bankura ... 82·9	82·8	87·1	87·4	67·7	69·7	52·7
Burdwan ... 82·3	81·1	90·5	90·3	43·5	47·0	53·0
Mymensingh 85·6	77·0	88·2	90·1	79·9	93·0	87·6
Manbhum ... 80·7	72·0	76·7	50·1	66·5	89·4	99·5
Hooghly ... 72·4	68·5	73·8	63·7	57·5	48·8	53·2
Saran ... 73·8	59·5	63·9	56·2	70·6	68·8	79·3



The figures in the first column give the same information as the figures in the first column of the statement for third class districts. Saran, Hooghly, Shahabad, and Bankura have appeared in this list for the last four years, while Mymensingh and Manbhum have come down to this class from class III, and Pabna and Burdwan from class II. Eliminating the amounts affected by the period of grace, Pabna, Bhagalpur, and Shahabad attained the prescribed standard as regards current collections. Compared with the last year's figures, current collections fell off in Shahabad, Bankura, Hooghly, and Saran, while all these districts, except Shahabad, showed an improvement in arrear collections. The short collections in Shahabad are ascribed to the general unwillingness of the people to pay the cesses, and in Bankura to the payment by some of the big estates of their dues for the March kist after the close of the grace days. The disinclination of the proprietors to pay the cesses until coercive measures were enforced, the attempts on the part of numerous petty proprietors to evade payment in the hope that the co-sharers would pay their dues, and mistakes on the occasion of the last revaluation are reasons given to account for the falling off in Hooghly. Except the last mentioned one, however, no excuse is given for the shortness of collections which is not common to every district in the Province; and the Lieutenant-Governor hopes that better results may be obtained in future. The bad results in Saran are said to be due to the incorrect state of the Land Registration Register D, in consequence of which the work in the Certificate Department was delayed, and in many cases unsuccessful, and to the leniency shown in selling estates during the year; a leniency hardly to be justified in view of the continued bad results of the last four years. The Board of Revenue rightly consider the explanation inadequate, and have drawn the special attention of the Commissioner to the matter. In Pabna, many of the proprietors did not pay their dues until coercive measures were taken; and notices of certificates for less than Rs. 5 made out for the last kist of 1897-98 were not issued till December 1898 in accordance with the rules as to water districts. In regard to Burdwan, the Board write:—(i) "The current demand was considerably raised, and the amount by which it was raised could not be realised on account of the new assessment having been made late in the year; (ii) a sum of Rs. 10,168 was remitted by the Maharaja of Kasim Bazar after the close of the year; (iii) Rs. 24,898 was also realised after the close of the year from the Burdwan Raj; (iv) evasion of payment of arrears by parties who try to throw the burden of payment on their co-sharers; (v) difficulty experienced in the realisation of arrears from revenue-free estates and rent-free holdings under direct collection on account of the non-registration of names by most of the proprietors and their successors and of the transfer of rights and titles necessitating in many cases the issue of fresh certificates." The collections in Mymensingh were retarded by the defaults of some of the proprietors of large estates, while the poor results in Manbhum were due to the non-payment of the cesses due by certain encumbered estates. Compared with the figures for the previous year, Bhagalpur showed an improvement in current collections; but as the arrear lists for the whole year 1897-98 could not be prepared kist after kist, there was a falling off in the percentage of arrear collections. This explanation, as the Board rightly observe, is not satisfactory.

7. The following statement illustrates the working of the certificate procedure in the realisation of the cesses during the last two years:—

	1897-98.	1898-99.
Certificates pending from the previous year	52,493	44,572
Filed during the year	101,410	125,216
Total for disposal	153,903	169,788
Cancelled on objection	1,601	1,147
Struck off	5,210	6,724
Fully discharged	102,517	105,350
Pending at the close of the year	44,575	56,567
Sales effected	2,866	3,323
Sales set aside	51	142

The number of certificates filed during the year 1898-99 has increased by 23,806. The increase occurred in all the Divisions except Rajshahi, Bhagalpur,



and Chota Nagpur. The largest number of certificates was filed in the districts of Hooghly (10,567), Saran (10,536) Gaya (8,969), Midnapore (8,555), Patna (8,246) Chittagong (7,413) Shahabad (6,020) Darbhanga (5,431) Muzaffarpur (5,314) and Cuttack (5,183). The number of objections filed against certificates was 8,142 against 7,658 in 1897-98. In Saran, Hooghly, Dacca, Gaya, and Murshidabad, the number of cancellations was 191, 172, 141, 104, and 101 out of 835, 1,835, 581, 434 and 126, objections disposed of respectively. The defective state of land registration is the cause of the large number of cancellations in Saran and Dacca. In Hooghly, it was due to double assessment, reduction of valuation on objection, and to failure to trace out lands or their holders. In Murshidabad and also in Mymensingh, it is attributed "partly to the death of the judgment-debtors before the certificates were filed, and partly to the mistakes discovered on objections being filed that the judgment-debtors were not liable for the amount under certificate:" in other words, to carelessness in the Collector's office. Closer supervision is evidently required in these two districts. In 3,323 cases, as against 2,866 in 1897-98, sales were effected to realise the cesses. The increase was due to a large number of sales in Gaya, and the Board have asked the Collector to explain the cause.

8. Partial valuations and revaluations were completed in the districts of Midnapore, 24-Parganas, Khulna, Rajshahi, Dinajpur, Jalpaiguri, Darjeeling, Rangpur, Bogra, Faridpur, Backergunge, Tippera, Shahabad, Malda, and Hazaribagh. In Khulna, only 82 estates were revalued, and the valuation of these estates showed an increase of Rs. 1,10,122 over the previous valuation. The Board have asked the Commissioner of the Presidency Division whether the general revaluation of the district can be undertaken. In Darjeeling, the revaluation of the Terai jotes and of the West Teesta khas mahals, which was sanctioned in October 1897, came to a close during the year. The valuation of the Terai jotes showed an increase of Rs. 51,634 over the previous valuation. Valuation and revaluation work was in progress in several districts when the year closed.

9. Statement VI appended to the report compares the gross rental in each district for 1898-99 calculated from the returns under the Cess Act with the gross rental ascertained on the same basis when the road cess was first introduced and the gross rental of the preceding year. The results of the Province are as follow:—

				Rs.
Gross rental at first assessment	...	...	...	13,11,68,432
Ditto in 1897-98	...	...	...	16,35,06,247
Ditto in 1898-99	...	...	...	16,53,73,177

The increase up to date amounts to Rs. 3,42,04,745 on the rental when the road cess was introduced. The increase occurred in all the districts, except Murshidabad and Jessore. Compared with the figures for the last year, the gross rental shows an increase of Rs. 18,66,930, which, it is said, has been ascertained by revaluation, chiefly in the districts of Burdwan, Midnapore, Khulna, Rajshahi, Dinajpur, Darjeeling, Rangpur, Dacca, Mymensingh, Backergunge, Tippera, Manbhumi, and Singhbhum.

10. The names of the Deputy Collectors whose work is favourably noticed by the Board will be communicated to the Appointment Department. The work on the whole has been excellent, and the Lieutenant-Governor's thanks are due to the Board of Revenue.

By order of the Lieutenant-Governor of Bengal,

E. N. BAKER,

Offg. Secy. to the Govt. of Bengal.

WEATHER AND CROP REPORT.

For the week ending the 16th October 1899.

**Burdwan.**—Rainfall yesterday (15th). Weather seasonable. Threshing of *aus* going on. *Aman* and other standing crops are doing well. Fodder and water sufficient. No cattle-disease. Common rice selling as follows:—

	Srs.	
Sadar	15	} per rupee.
Kalna	13½	
Katwa	15	
Raniganj	11½	

**Birbhum.**—No rain. Weather seasonable. Prospects of paddy good. Price of common rice at Sadar and Rampur Hât 15 seers per rupee. Fodder sufficient.

**Bankura.**—Rainfall at Bankura 2·95. Weather first part of the week fair, latter part cloudy ending with rain. The rain has done much good to the standing crops. Fodder and water sufficient. No cattle-disease reported. Rice selling at 15 seers per rupee both at Bankura and Vishnupur.

**Midnapore.**—Heavy rain during last two days ensures a good rice harvest. Weather getting cool. Fields are being prepared for the *rabi* crops. Prices of common rice—

	Srs.	
Sadar	16	} per rupee.
Contai	18	
Tamluk	14½	
Ghatal	14½	

**Hooghly.**—Harvesting of *aus* continues. *Aman* doing well. Common rice sells at 14 seers per rupee.

**Howrah.**—No rain. Weather hot but cloudy on Saturday morning. Condition of *aman* paddy good. Sugarcane doing well. Rain wanted. Fodder and water sufficient. Common rice selling at 13½ seers per rupee.

**24-Parganas.**—Rainfall at Sadar 2·91, Basirhat ·43. Diamond Harbour ·50. Weather seasonable. Prospects of standing crops good. Harvesting of *aus* finished. Lands are being cultivated for *rabi* crops. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	13	} per rupee.
Barasat	14½	
Basirhat	16	
Diamond Harbour	18	

**Nadia.**—Rainfall at Kushtia ·25, Ohuadanga ·02. Weather seasonable. Prospects of *aman* good. *Rabi* crops are being sown. Fodder and water sufficient. Price of common rice stationary.

**Murshidabad.**—No rain. Weather cloudy. Harvesting of *bhadoi* over. State of standing crops good. Sugarcane and mulberry doing well. Sowing of *rabi* crops and *kalai* still continues. Fodder and water sufficient. No cattle-disease. Common rice sells as follows:—

	Srs.	
Sadar	14	} per rupee.
Jangipur	15	
Kandi	18½	

**Jessore.**—Rainfall at Sadar 1·98, Jhenida ·12, Magura ·46, Narail ·22, Bangaon 1·35. Weather sultry, rainy and cyclonic since yesterday (15th). Lands are being cultivated for *rabi* crops. Harvesting of *aus* over. Prospects of *aman* good. Rain is badly wanted. No cattle-disease reported. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	17½	} per rupee.
Jhenida	18	
Magura	18	
Narail	17½	
Bangaon	20	

**Khulna.**—Rainfall at Sadar nil, Bagerhat .02, Satkhira nil. Weather hot. Prospects of *aman* fair. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar	...	...	...	17½	} per rupee.
Bagerhat	...	...	...	16	
Satkhira	...	...	...	15	

**Rajshahi.**—Rainfall nil. Prospects of standing crops good. Cutting and steeping of jute going on. Sowing of *rabi* crops commenced. No cattle-disease. Fodder and water ample. Common rice sells at 17½ seers per rupee.

**Dinajpur.**—Average rainfall .01. Weather hot. Standing crops fair. No cattle-disease. Fodder and water sufficient. Rice selling at Sadar 15 seers and at Thakurgaon 16 seers per rupee.

**Jalpaiguri.**—Rainfall at Sadar nil, Alipur-Duars .24. Weather seasonable. Prospects of *haimanti* paddy good. Lands are being prepared for tobacco. Common rice sells at 14½ seers per rupee. Fodder and water sufficient.

**Darjeeling.**—Rainfall at Darjeeling .08, Siliguri 2.29. Weather seasonable. *Hills*—*Haimanti* paddy, *bara marua*, *kalai* and *phaphar* are doing well. *Terai*—Jute is being sold; *haimanti* paddy, *kalai* and potatoes are doing well. Coarse rice sells as follows:—

				Srs.	
Hills	...	...	...	8	} per rupee.
Terai	...	...	...	17	

*Bhutta* sells at Darjeeling 16 seers and at Kalimpong 32 seers per rupee.

**Rangpur.**—Rainfall .12. Weather rainy. Steeping and washing of jute continue. Prospects of *aman* flourishing. Cattle-disease reported from Nilphamari. Rice sells at 15½ seers per rupee.

**Bogra.**—Rainfall at Sadar and Sherpur nil, Naukhila .12. Prospects of standing crops good. Fodder and water ample. Common rice sells at 17 seers per rupee.

**Pabna.**—Rainfall at Sadar 2.42. Weather cloudy and rainy. Prospects of crops good. Price of common rice 15 seers 5½ chitaks per rupee.

**Dacca.**—Rainfall at Munshiganj .57, elsewhere nil. Weather seasonable. Prospects of standing crops good. Fodder available. No cattle-disease. Common rice 17 seers per rupee.

**Mymensingh.**—Rainfall at Sadar .12, Jamalpur 4.00, Kishorganj 1.23. Weather damp and warm. Condition of crops good. Condition of cattle generally good. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar	...	...	...	18	} per rupee.
Netrokona	...	...	...	17	
Tangail	...	...	...	16	
Jamalpur	...	...	...	13	
Kishorganj	...	...	...	16	

**Faridpur.**—Rainfall at Goalundo .53, elsewhere nil. Weather seasonable, cool and rainy towards the end of the week. State and prospects of crops good. Common rice sells at 16 seers per rupee.

**Backergunge.**—Rainfall at Sadar 8.06. Weather cloudy. Prospects of crops fair. Common rice sells at 14 seers (*aman*) and 17 seers (*aus*) per rupee.

**Tippera.**—Rainfall at Sadar 8.07, Brahmanbaria .57, Chandpur .10. Weather cloudy and stormy. Prospects of *aman* paddy continue favourable. Insufficiency of fodder owing to floods reported from the Brahmanbaria subdivision. Average price of common rice 17½ seers per rupee.

**Noakhali.**—Rainfall at Sadar 8.92. Prospects of crops fair. Lands being ploughed for *rabi* crops. Cattle-disease at Chagalnaya decreasing. Fodder and water sufficient. Common rice (*aman*) 15 seers and (*aus*) 19 seers per rupee.

**Chittagong.**—Rainfall .12. Prospects of crops good. Water and fodder sufficient. Common rice sells at 17 seers per rupee.

**Patna.**—Paddy is doing well and prospects are favourable, but a shower of rain is urgently wanted in some places. Ploughing and sowing of *rabi* in full progress. Fodder and water for cattle plentiful. Common rice in Patna sells at 15 seers per rupee.

**Gaya.**—Rainfall nil. Paddy suffering for want of rain. *Rabi* lands being prepared. Common rice selling at 13 seers per rupee.

**Shahabad.**—Rainfall nil. Rain wanted. Fields are being ploughed and *rabi* is being sown. Fodder and water sufficient; 202 cases of cattle-disease reported from Sasaram. Rice at Sadar 11 seers per rupee.

**Saran.**—No rain. Weather seasonable. Sowing of *rabi* commenced. Rain wanted especially for upland paddy. Average price of common rice 11 seers 7 chitaks and of *makai* 12 seers 9 chitaks per rupee.

**Champaran.**—No rain. Preparation of lands for *rabi* continues. Sowing of wheat commenced. Rain urgently wanted for winter rice and for sowing of *rabi*. Price of common rice 14 seers and of maize 16 seers per rupee.

**Muzaffarpur.**—Rainfall nil. Prospects of winter rice fair, but rain wanted for high-land paddy. *Rabi* sowings commenced in places. Prices are—Common rice 12 seers, wheat 12 seers, barley 16 seers, *makai* 14 seers, gram 13 seers, and *rahar* 14 seers per rupee.

**Darbhanga.**—No rain. Nights cool, days still hot. Prospects of standing crops good. Fields are being prepared for *rabi*. Fodder and water sufficient. No cattle-disease reported. Common rice sells at sadar 12 to 14 seers per rupee.

**Monghyr.**—No rain. Cool nights. Days still hot. Sowing of *rabi* crops commenced. Prospects of paddy and sugarcane good. Common rice sells as follows:—

	Srs.	
Monghyr	10	} per rupee.
Begusarai	12½	
Jamui	14	

**Bhagalpur.**—Weather chilly and cloudy. Rainfall at Sadar '04. Prospects of winter rice continue favourable. *Kurtni* and *kalai* sowing completed and prospects hopeful. Rain badly wanted in Banksa subdivision. In Supaul lands are being prepared for *rabi*. Fodder and water sufficient. No cattle-disease reported. Common rice sells as follows:—

	Srs.	Ch.	
Sadar	13	4	} per rupee.
Supaul	18	0	
Banksa	11	14	
Madhipura	14	0	

**Purnea.**—Rainfall at sadar '06. Weather seasonable. Prospects of *aghani* rice good. Steeping and washing of jute still going on. Ploughing for *rabi* crops in progress. *Kurthi* plants thriving well. Fodder and water sufficient. No cattle-disease. Common rice sells as follows:—

	Srs.	
Sadar	16	} per rupee.
Kishanganj	20	
Araria	18	

**Malda.**—Rainfall nil. Days hot. Mornings cool. Sowing of *kalai* finished. Lands being prepared for *rabi* crops. Prospects of standing crops good. Cattle-disease reported from some places. Price of coarse rice stationary. Fodder and water sufficient.

**Sonthal Parganas.**—Weather cloudy and cold. Prospects of all standing crops much improved. The recent rain has greatly benefited the paddy crop. Some damage done to the crop at Godda by the late flood. Cattle-disease reported from Godda. Water and fodder ample. Average price of common rice 13 seers 6 chitaks and of Indian-corn 19 seers 5 chitaks per rupee.

**Cuttack.**—Rainfall at Sadar '15, Jajpur '28, Kendrapara '39, Banki '33. Days hot. Mornings cool. Rain much wanted. Harvesting of *baali* over. *Sarad* withering for want of rain. Sugarcane, turmeric, *bari*, *mung* and *kulthi* are in progress. Condition of cattle good. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	Ch.	
Cuttack	12	8	} per rupee.
Jajpur	15	12	
Kendrapara	21	0	
Banki	11	13	

**Balasore.**—Rainfall at Sadar 4'81. Weeding of *sarad* nearly finished. *Aus* is being harvested. Winter rice and sugarcane thriving. Crops on high lands in Agarpira chakla suffering for scanty rain. Rice selling at 17½ seers per rupee in the interior, and at 16 and 18 seers per rupee at Balasore and Bhadrak respectively. Cattle-disease reported from places. Fodder sufficient.

**Angul.**—No rain. Prospects of winter rice bad. Ground very dry, and sowing of *rabi* stopped. Cattle-pox continues at Bisipara. Common rice sells at Angul 16 seers and at Kendrapara 12 seers per rupee.

**Puri.**—Rainfall at Sadar 2·74, Khurda ·09. Prospects of *sarad* crop greatly improved by recent rain: miscellaneous crops doing well. Damage to crops by insects reported from parts of the district. Cattle-disease continues in places. Common rice sells as follows:—

	Srs.	Ch.	
Sadar	...	...	11 13
Khurda	...	...	10 8
Interior of district	...	...	12 4

} per rupee.

**Hazaribagh.**—Rainfall nil. Weather cool; some clouds. Standing crops suffering from drought. Common rice selling at 11 seers per rupee.

**Ranchi.**—Rainfall ·15. Weather cloudy. Prospects of crops poor. Rain badly wanted. Rice sells 9 seers per rupee in Ranchi and 12 seers in the interior. No cattle-disease. Fodder and water sufficient.

**Palamau.**—Rainfall nil. Weather seasonable. Upland paddy dying. Lowland paddy suffering very much for want of rain. Prices are—rice 9 seers, *makai* 16 seers, *mandua* 18 seers, barley 17 seers, wheat 10 seers, and gram 13½ seers per rupee.

**Manbhum.**—Rainfall nil. Weather seasonable. *Bhadoi* crops fair. Winter rice suffered for want of rain, but it rained yesterday (15th) which has done much good. An average crop is expected. Cattle-disease reported from police-stations Nirsa, Gobindpur, and Tundi. Fodder and drinking-water sufficient. Average price of common rice at Sadar 12½ seers and at Gobindpur 12 seers per rupee. Supply sufficient.

**Singhbhum.**—No rain. Weather warm and cloudy, and rain is expected. It is badly needed for the winter rice crop in the west of the district. Common rice sells at 16½ seers per rupee. In Chakradharpur it is 8 seers per rupee.

**General Summary.**—General, and in some parts heavy, rain is reported to have fallen towards the close of the week. This rain will do immense good to the winter rice crop. The reports from Orissa and Chota Nagpur are still bad, but some improvement is expected from the rainfall of the week. The cultivation of the spring crops is going on, and some of them are being sown. Sugarcane and other crops on the ground are doing well. The price of rice is reported to have risen in several districts, particularly in the districts of the Chota Nagpur Division and in Puri. Fodder is generally sufficient, and cattle are in good condition.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

Offg. Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT,  
The 17th October 1899.

Results of the Meteorological Observations taken at the Alipore Observatory from 8th to 14th October 1899.

Month	Date	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 82° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Max. min.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1899.				Inches.						Inches.		%			Inches.	
Oct.	8th	149.2	8.7	29.914	83.6	91.4	14.4	77.0	79.5	0.952	77.7	83	WSW and calm ...	61	Nil	Chiefly clear, a.
"	9th	147.0	9.0	919	83.2	90.6	13.4	77.2	79.4	0.954	77.8	84	WSW and SW by W.	75	"	Chiefly clear, a.
"	10th	148.3	10.1	918	82.7	90.8	14.4	76.4	78.7	0.928	77.0	84	SW, S and SSW	52	"	Chiefly clear, a.
"	11th	146.1	9.3	920	82.3	91.4	13.9	77.5	78.7	0.921	76.7	80	WSW and SW by W.	58	"	Chiefly clear, a.
"	12th	147.3	9.3	917	83.0	91.3	15.6	75.7	78.3	0.907	76.3	80	SW, and SW by S	71	"	Chiefly clear, a.
"	13th	147.4	8.1	939	83.0	91.4	14.6	76.8	78.3	0.907	76.3	80	SW by S and SSE	53	"	Partially cloudy, a, o.
"	14th	106.6	Nil	923	77.2	84.9	11.4	73.5	75.1	0.845	74.2	91	SSE, ESE and NNW.	87	0.33	Cloudy, o, d, p.

The mean pressure of the seven days

The average pressure of the corresponding period for 24 years, Surveyor-General's Office

Inches.  
29.921

The total number of hours of bright sunshine

The maximum possible number of hours of sunshine

29.820

Hours.

54.5

81.8

The mean temperature of the seven days

The average temperature of the corresponding period for 24 years, Surveyor-General's Office

82.3

The extreme variation of temperature

The maximum temperature

82.6

17.9

The highest velocity of the wind in one hour

91.4

Miles.

10

%

The mean relative humidity

The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office

83

The total fall of rain from 8th to 14th October 1899

The average fall of the corresponding period for 24 years, Surveyor-General's Office

Inches.  
0.33

The total fall from 1st January to 14th October 1899

The average fall of the corresponding period for 24 years, Surveyor-General's Office

1.17

69.28

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h., 10h., 16h., and 22h.

61.72

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the rain-gauge is one foot above the ground.

a, dew, o, overcast; d, drizzling rain; p, passing temporary showers.

METEOROLOGICAL OFFICE, GOVT. OF INDIA,  
Calcutta, the 18th October 1899.

G. W. KÜHLER,

For Meteorological Reporter to the Govt. of India,  
and Director-General of Indian Observatories.



## Meteorological Report of the Province

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.													
DIVISION.	DISTRICT.	Representative stations.	AIR PRESSURE.					WIND.		TEMPERATURE.						
			Highest, 8 A.M., barometer reading.	Lowest 8 A.M., barometer reading.	Mean, 8 A.M., reduced to 32°.	Mean reduced to sea-level and constant gravity, Lat. 40°.	Variation from normal mean.	Mean direction at 8 A.M.	Mean velocity in miles daily.	Highest of month.	Lowest of month.	Mean daily maximum temperature.	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	
SOUTH-WEST BENGAL.	Burdwan ...	Burdwan ...	29.707	29.514	29.681	29.738	+0.023	840°W	66	96.4	75.8	91.9	79.3	85.0	+1.6	
		Raniganj ...	29.583	29.393	29.486	29.719	—	830°W	30	90.3	71.9	90.3	77.3	84.8	+1.6	
		Birbhum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bankura ...	Bankura ...	29.667	29.319	29.446 (a)	29.696 (a)	—	830°W	22	87.1	73.1	92.4	78.1	85.3	+2.1
		Midnapore ...	Midnapore ...	29.741	29.405	29.630	29.736	+0.003	86°E	91	96.3	74.1	91.3	77.5	84.5	+1.3
	Presidency ...	Howrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		24 Parganas ...	Saugor Island ...	29.576	29.409	29.787	29.736	+0.003	830°W	274	91.9	76.6	89.3	80.7	85.0	+1.0
		Calcutta ...	Calcutta ...	29.683	29.536	29.763	29.739	+0.003	834°W	75	94.4	78.7	90.6	79.0	84.8	+2.1
		Nadia ...	Krishnagar ...	29.680	29.580	29.784	29.738	—	817°W	81	95.3	76.7	91.6	78.8	85.3	+2.1
		Murshidabad ...	Berhampore ...	29.600	29.463	29.702	29.717	+0.011	817°W	67 (a)	93.3	75.8	90.3	79.5	84.9	+1.1
NORTH BENGAL.	Rajshahi ...	Jessore ...	29.605	29.551	29.780	29.730	+0.015	845°E	23	94.6	76.3	91.3	79.1	85.3	+1.1	
		Khulna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Rajshahi ...	Rampur Bealia ...	29.797	29.460	29.607	29.716	+0.012	830°W	110	93.6	74.0	89.6	79.5	84.6	+1.1
		Dinajpur ...	Dinajpur ...	29.781	29.460	29.607	29.734	+0.001	800°E	81	93.3	74.2	88.1	77.4	82.8	—
		Jalpaiguri ...	Jalpaiguri ...	29.663	29.600	29.602	29.746	+0.004	N77°E	68	93.4	73.1	87.6	76.3	81.9	+0.5
	Dacca ...	Darjeeling ...	Darjeeling ...	29.692	29.525	29.608	—	+0.008	N72°E	87	89.3	81.5	85.3	85.5	80.4	+0.5
		Cooch Behar ...	Cooch Behar ...	29.783	29.490	29.640	29.763	—	870°E	48	93.9	74.6	86.5	77.0	81.8	—
		Rangpur ...	Rangpur ...	29.761	29.514	29.600	29.739	+0.000	877°E	80	93.3	73.7	87.8	76.8	83.3	—
		Bogra ...	Bogra ...	29.608	29.565	29.711	29.735	—	?	?	93.3	73.2	89.0	78.0	83.5	+0.9
		Fabna ...	Sirajganj ...	29.638	29.581	29.724	29.723	+0.000	823°W	68	91.8	74.7	88.1	78.8	83.4	+0.5
EAST BENGAL.	Chittagong ...	Dacca ...	29.677	29.623	29.760	29.748	+0.004	87°E	126	95.1	75.7	88.9	79.2	84.1	+0.4	
		Mymensingh ...	Mymensingh ...	29.633	29.578	29.733	29.743	+0.010	818°E	14	90.3	73.1	86.1	77.0	81.6	—
		Faridpur ...	Faridpur ...	29.656	29.588	29.749	29.743	+0.015	81°E	80	93.3	73.4	89.1	77.9	83.5	+0.5
		Backergunge ...	Barisal ...	29.611	29.561	29.738	29.746	+0.001	827°E	78	92.3	75.1	89.2 (a)	78.4	83.9	+1.0
		Tippura ...	Cumilla ...	29.666	29.633	29.772	29.756	—	620°E	137	93.5	73.8	88.6	76.8	83.7	+0.5
	Patna ...	Chittagong ...	Chittagong ...	29.604	29.573	29.718	29.753	+0.004	840°E	113	91.5	73.6	87.6	76.5	83.1	+0.5
		Chittagong Hill Tracts	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Patna ...	Bankipore ...	29.609	29.460	29.537	29.713	+0.017	N88°W	93	95.0	73.2	90.7	78.8	84.8	+0.5
		Gaya ...	Gaya ...	29.615	29.576	29.690	29.719	+0.003	838°W	80	90.4	71.8	94.2	77.7	86.0	+1.1
		Shahabad ...	Dehri ...	29.630	29.586	29.600	29.706	+0.017	833°W	46	96.3	73.0	96.1	78.1	86.1	+0.9
BIHAR.	Bhagalpur ...	Shahabad ...	29.623	29.581	29.593	29.697	+0.007	833°W	126	95.0	69.6	91.5	77.7	84.6	+1.9	
		Arrah ...	...	29.620	29.444	29.570	29.713	—	N86°W	33	96.4	71.0	92.5	77.5 (a)	85.0	+1.3
		Saran ...	Chapra ...	29.607	29.486	29.576	29.711	—	854°W	45	95.3	73.1	90.7	78.3	84.5	+0.5
		Champaran ...	Motihari ...	29.643	29.588	29.633	29.711	—	808°E	80 (a)	95.0	73.8	89.9	77.1	83.6	+0.4
		Munafarpur ...	Munafarpur ...	29.608	29.467	29.583	29.713	—	876°E	35	94.3	73.7	89.3	78.0	83.9	—
	Orissa.	Darbhanga ...	Darbhanga ...	29.606	29.471	29.593	29.713	+0.007	801°E	46	93.3	74.5	89.5	79.4	84.5	+0.9
		Monghyr ...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Bhagalpur ...	29.709	29.403	29.590	29.713	+0.023	811°W	50 (a)	90.3	73.1	90.3	77.9	84.1	+1.0
		Purnea ...	Purnea ...	29.747	29.377	29.636	29.713	+0.006	N73°E	66	94.3	73.2	90.1	77.9	83.5	+0.5
		Malda ...	Malda ...	29.603	29.430	29.680	29.713	—	816°W	64	94.6	73.5	89.9	78.5	83.4	+0.5
CHOTA NAGPUR.	Orissa.	Sonthal Parganas ...	Naya Dumka ...	29.622	29.050	29.378	29.719	+0.019	845°W	56	96.0	70.8	90.3	76.5	83.4	+0.5
		Cuttack ...	Cuttack ...	29.637	29.506	29.708	29.730	+0.048	860°W	44	97.9	73.3	93.5	78.7	86.1	+0.5
		False Point ...	...	29.691	29.633	29.706	29.729	+0.043	874°W	183	94.5	73.0	90.3	78.7	84.5	+1.0
		Balasore ...	Balasore ...	29.647	29.543	29.733	29.725	+0.046	863°W	76	96.4	73.3	90.9	77.9	84.6	+0.5
		Shortt's Island ...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Chota Nagpur.	Puri ...	Puri ...	29.606	29.540	29.776	29.733	—	876°W	334 (a)	97.3	75.0	91.5	80.4	85.9	—
		Gopalpur ...	Gopalpur ...	29.602	29.605	29.773	29.733	—	897°W	234	95.3	73.1	90.3	78.5	84.4	—
		Hazaribagh ...	Hazaribagh ...	27.806	27.630	27.787	29.737	+0.043	861°W	183	91.3	69.3	87.5	73.7	80.0	+0.5
		Ranchi ...	Ranchi ...	27.802	27.573	27.674	29.738	+0.053	876°E	145	90.3	67.9	87.0	73.3	79.5	+0.5
		Palamasa ...	Daltonganj ...	29.180	29.030	29.046	29.734	—	817°W	104	97.6	63.0	94.3	73.3	83.8	—
AGRA.	Manbhum ...	Purulia ...	29.053	28.851	28.969	29.731	—	872°W	61	96.6	69.9	88.0	74.9	83.5	+0.5	
	Singbhum ...	Chaibassa ...	29.140	29.017	29.015	29.728	—	858°W	36	98.9	69.5	93.3	75.0	85.9	+0.5	
	Sibesar ...	Sibesar ...	29.584	29.350	29.469	29.780	+0.013	N9°E	61	98.3	73.0	87.2	75.5	81.3	+0.5	
	Gopalpara ...	Dhubri ...	29.768	29.521	29.674	29.744	+0.003	896°E	38	93.3	73.7	83.4	77.3	80.3	+0.5	
	Cochar ...	Silchar ...	29.619	29.604	29.734	29.781	+0.030	883°E	58	97.6	74.5	89.4	78.5	83.1	+0.5	

(a) Mean of 29 days.



Calcutta for the month of September 1899.

DISTRICT OBSERVATIONS.																DISTRICT.
WINDY.	CLOUD.		Rain-fall.	RAINFALL—												
				Of month.					Since 16th May 1899.							
	Mean of district.	Normal mean.		Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.					
	Variation from normal mean.	Mean cloud amount, 8 A.M.		Variation from normal mean, 8 A.M.	Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.		
-3	51	-3.7	8.08	8.42	7.76	-1.31	6.80	11.03	55.11	43.56	+9.55	50.00	50.00	Burdwan.		
-	4.7	-	4.66	7.11	9.80	-2.70	6.75	11.02	45.84	48.17	-2.33	58.75	50.73			
-	3.6	-	5.40	6.70	8.15	-1.45	5.20	11.13	42.22	46.83	-4.61	40.80	50.75		Birbhum.	
-	4.1	-	11.20	11.40	9.04	+2.36	9.83	12.13	63.85	47.54	+16.31	57.90	56.95	Bankura.		
				8.20	8.08	+0.14	7.07	12.00	62.46	45.03	+17.43	62.01	60.64	Midnapore.		
				9.40	8.07	+1.43	9.50	12.16	64.35	45.28	+19.07	60.50	62.59	Hoochly.		
-3	7.1	-0.6	13.35	9.30	9.10	+0.20	8.43	12.46	62.08	48.30	+13.69	61.31	61.94	Howrah.		
-1	6.9	-2.2	8.04	8.04	9.83	-0.79	11.00	12.73	63.83	48.50	+15.33	74.00	61.04	24-Parganas.		
-	5.5	-	5.01	4.17	6.12	-3.95	7.80	10.98	47.64	43.24	+4.40	63.80	66.34	Calcutta.		
+3	6.2	-2.2	9.04	9.03	9.02	0	9.38	11.57	64.53	43.22	+11.31	63.00	58.63	Nadia.		
+1	5.5	-2.9	7.63	7.63	7.73	+0.20	10.00	10.96	55.34	43.84	+11.50	66.20	57.64	Murshidabad.		
				6.02	8.85	-2.83	10.33	12.36	53.68	49.36	+4.22	73.33	60.30	Jessore.		
-	5.2	-	8.53	6.17	10.36	-2.19	10.33	11.49	58.79	46.44	+12.35	66.10	67.25	Khulna.		
-	6.3	-	25.21	16.47	11.36	+3.11	15.00	11.40	60.55	54.00	+6.55	78.80	57.83	Rajshahi.		
-	3.5	-	19.16	22.22	19.04	+3.18	13.12	13.20	117.83	104.04	+13.79	84.37	60.00	Dinajpur.		
+3	(c) 6.6	-1.3	30.42	24.17	19.53	+4.64	14.50	16.03	124.68	117.40	+7.19	97.75	74.20	Jalpaiguri.		
-	8.5	-	21.90	23.03	19.38	+3.25	18.25	13.85	116.84	103.98	+12.86	85.75	91.62	Darjeeling.		
-	6.4	-	23.60	21.31	18.33	+5.28	16.00	11.63	83.79	67.08	+16.71	78.00	76.64	Cooch Behar.		
-	6.2	-	13.30	11.55	10.60	+0.95	13.75	11.72	60.37	52.11	+17.26	74.00	60.36	Rangpur.		
-	7.5	-	9.67	6.78	9.56	-2.86	13.50	11.70	55.78	46.97	+8.81	74.00	61.27	Hogra.		
-3	7.6	+0.4	8.83	8.13	8.69	-0.56	11.20	11.08	63.06	52.72	+10.34	76.60	60.86	Patna.		
-	(d) 7.9	-	10.72	15.12	12.24	+3.48	16.57	12.33	87.06	68.10	+18.96	69.07	67.70	Dacca.		
-	8.5	-	9.89	7.59	8.00	-0.47	12.87	11.02	57.08	46.16	+10.92	73.33	62.85	Mymensingh.		
-	5.2	-	7.69	9.02	10.47	-0.95	11.33	13.80	71.84	65.12	+6.72	76.47	62.85	Faridpur.		
-	6.0	-	15.26	10.43	9.23	+1.20	14.00	11.23	64.42	54.42	+10.00	69.00	75.01	Backergunge.		
-	6.5	-	17.00	17.01	13.98	+3.03	16.50	14.24	115.68	90.57	+25.01	95.00	62.08	Tippera.		
0	7.0	-0.1	10.54	13.29	11.80	+1.40	14.80	14.08	115.42	90.00	+25.42	85.20	75.93	Noakhali.		
-3	4.0	-3.0	4.18	8.70	6.86	-1.16	5.00	17.00	74.05	71.59	+2.46	96.00	78.78	Chittagong.		
-6	3.0	-4.4	3.63	3.20	6.45	-3.15	4.43	9.04	40.24	38.09	+2.15	52.50	85.54	Chittagong Hill Tracts.		
-	2.9	-	2.62					8.53	46.07	37.05	+9.02	52.05	45.83	Patna.		
-	2.1	-	1.44	3.72	6.83	-3.11	3.00	9.09	49.62	36.63	+12.99	46.37	44.53	Gaya.		
-	2.3	-	6.58										44.47	Shahabad.		
-	5.1	-	5.59	6.22	7.60	-1.39	4.33	8.60	50.94	38.57	+12.37	55.00	44.71	Saran.		
-	(a) 3.8	-	8.57	6.25	9.50	-3.25	6.60	8.55	64.57	48.28	+16.29	60.50	47.80	Champanan.		
0	2.5	-	6.35		7.57			8.02	60.09				43.19	Muzaffarpur.		
-	3.7	-2.2	6.25	7.77	9.91	-2.14	8.80	9.31	62.37	44.16	+18.21	59.20	47.41	Darbhanga.		
-				7.95	7.99	-0.06	6.00	9.88	55.67	41.77	+13.90	46.40	44.64	Monghyr.		
+1	5.1	-	17.02	16.63	9.37	+7.26	9.50	9.96	60.78	44.39	+16.39	63.40	61.00	Shahgalpur.		
-	5.4	-	6.91	10.80	11.19	-0.39	10.00	11.71	64.26	48.63	+15.63	66.56	61.13	Purnea.		
-	5.8	-	10.65	13.18	9.17	+3.01	9.00	11.52	44.83				57.07	Malda.		
-2	5.4	-1.2	6.03	6.72	10.28	-4.25	6.87	12.48	47.01				57.06	Southal Parganas.		
-3	5.7	-1.4	5.12										55.23	Outback.		
-	5.3	-	15.78	7.94	11.22	-3.28	8.86	15.96	47.33	47.08	+0.25	56.15	56.81	Balassore.		
-	4.6	-	3.69	4.39	10.74	-6.15	8.20	13.06	30.04	44.58	-14.54	47.40	53.91	Shortt's Island.		
-12	1.7	-	2.38											Puri.		
-	7.2	-0.9	1.40	2.69	8.51	-5.82	4.17	11.31	40.79	46.54	-5.75	56.07	56.30	Hazaribagh.		
-	4.7	-	2.18	2.58	2.78	-0.18	4.86	11.60	34.18	45.77	-11.64	47.33	57.67	Ranchi.		
-	2.4	-	0.74	1.51	7.82	-6.81	1.76	8.51	38.86	43.43	-4.56	40.50	40.46	Palaman.		
-	1.7	-	15.67	8.95	7.79	+1.16	6.00	11.25	43.06	45.48	-1.53	52.34	57.39	Manbhum.		
+3	(a) 2.6	-	2.74	5.55	7.86	-2.21	6.00	12.06	38.64	45.43	-6.79	53.75	57.98	Singbhum.		
-1	7.8	+1.1	15.60											Sitamar.		
+3	6.9	+1.3	17.75											Dhubri.		
														Cachar.		

(c) Mean of 23 days.

(d) Mean of 26 days.

(c) Mean of 23 days.

(d) Mean of 26 days.

Table of Rainfall recorded at stations

Meteorological Division.	Division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
SOUTH-WEST BENGAL.	Burdwan.	Burdwan	Kalna	0.45	0.25	...	...	...	...	...	...	...	0.61	...	0.81	0.01	...	...	0.03	...	0.12	...		
			Hurdwan	0.13	1.11	...	...	...	...	...	...	...	...	...	...	...	0.05	0.15	...	...	...	...	0.03	
			Rasikanj	0.02	...	...	...	...	...	...	...	...	...	...	...	0.02	0.42	0.34	...	0.11	...	0.78	...	
		Birbhum	Manukur	...	...	...	...	...	...	...	...	...	...	...	...	0.75	0.70	...	...	...	0.12	...	...	
			Bori	...	...	...	...	...	...	...	...	...	...	...	...	0.30	0.04	0.08	...	0.35	0.03	0.14	...	
			Retampur	...	0.03	...	...	...	...	...	...	...	...	...	...	0.33	0.03	0.08	...	...	0.17	...	...	
		Bankura	Rampur (H)	0.84	0.09	0.08	...	...	...	...	...	0.05	...	...	...	...	0.31	...	...	0.21	0.23	0.70	...	
			Bolpur	...	0.30	...	...	...	...	...	...	...	...	...	...	...	0.00	0.26	...	0.03	0.03	1.84	...	
			Murari	0.15	...	0.06	...	...	...	...	...	...	...	...	...	...	0.60	...	...	0.71	0.31	...	...	
			Lalpur	...	0.70	...	...	...	...	...	0.80	...	...	...	...	...	0.60	0.13	...	...	...	...	...	
SOUTH-WEST BENGAL.	Burdwan.	Bankura	Bankura	...	...	...	...	...	...	...	...	...	...	...	...	0.20	0.02	...	...	...	...	...		
			Vishnupur	...	...	...	...	...	...	...	...	...	...	...	...	...	0.00	...	...	0.07	...	0.11	0.09	
			Malina	...	...	...	...	...	...	...	...	...	...	...	...	...	0.21	0.04	...	0.28	...	...	...	
		Midnapore	Khatra	...	0.20	0.07	...	...	...	...	...	...	...	...	...	...	0.00	0.37	...	0.03	...	0.40	...	
			Indas	...	0.30	...	...	...	...	...	...	...	...	...	...	...	0.15	0.09	...	0.47	...	...	0.09	
			Kotalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	0.71	0.24	...	...	...	...	...	
		Hooghly	Onia	...	...	...	...	...	...	...	0.30	...	...	...	...	...	...	...	0.15	0.10	...	...	...	
			Gangajakhat	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.31	...
			Rampur	...	0.02	...	...	...	...	...	...	0.60	...	...	...	...	...	0.39	0.06	...	0.11	...	0.05	...
			Sonainukhi	...	0.02	...	...	...	...	...	...	...	...	...	...	...	...	0.15	0.15	...	...	0.32	...	0.03
SOUTH-WEST BENGAL.	Burdwan.	Midnapore	Contai	0.75	...	...	...	...	...	...	...	...	...	...	1.71	0.81	0.17	0.47	0.35	0.21	...	...		
			Tamluk	0.17	0.02	0.25	...	...	...	...	...	...	...	...	...	0.28	1.90	0.30	0.26	0.15	0.40	...	...	
			Midnapore	...	0.09	...	...	...	...	...	...	...	...	...	...	...	0.42	0.76	1.02	...	...	0.05	0.11	
		Howrah	Ghatol	0.09	0.39	...	...	...	...	...	...	...	...	...	...	...	0.37	...	...	...	...	...	...	
			Kukrahaty	0.41	...	1.41	...	...	...	...	...	...	...	...	...	0.23	0.50	0.02	0.55	0.13	0.05	0.31	...	
			Garhata	0.80	...	...	...	...	...	...	...	...	...	...	...	0.40	0.11	0.14	0.20	0.15	0.35	0.20	...	
		24-Parganas	Panskura	0.15	0.06	0.15	...	...	...	...	...	...	...	...	...	0.27	1.02	...	0.83	0.65	...	...	0.12	...
			Dantoon	...	...	...	...	...	...	...	...	...	...	...	...	...	0.55	0.59	0.21	...	...	...	...	
			Sonampore	0.09	...	...	...	...	...	...	...	...	...	...	...	...	0.34	0.78	...	0.38	0.40	...	...	
			Hooghly	0.13	...	...	...	...	...	...	...	...	...	...	...	...	1.31	0.88	0.28	0.28	...	...	...	
SOUTH-WEST BENGAL.	Burdwan.	Howrah	Jahannabad	...	...	...	...	...	...	...	...	...	...	...	...	0.33	0.06	0.06	...	0.02	...	...		
			Howrah	0.09	0.02	...	...	...	...	...	...	...	...	...	...	0.13	0.18	1.41	0.22	0.31	0.54	...		
			Mohera	0.29	0.07	0.20	...	...	...	...	...	...	...	...	...	0.28	1.05	0.07	0.25	0.43	...	...	0.05	
		24-Parganas	Udubaria	0.23	...	0.03	...	...	...	...	...	...	...	...	...	...	0.25	0.15	1.17	0.25	0.50	0.70	0.12	
			Saugor Island	0.10	0.09	...	...	...	...	...	...	...	...	...	...	...	0.20	1.40	0.56	0.32	0.31	0.02	...	
			Diamond Harbour	0.20	...	...	...	...	...	...	...	...	...	...	...	...	0.30	0.40	1.17	...	0.42	0.52	...	
		Nadia	Canning Town	0.16	0.21	...	...	...	...	...	...	...	...	...	...	...	0.27	0.81	0.06	...	0.26	0.21	...	
			Alipore (Obay)	0.17	0.07	...	...	...	...	...	...	...	...	...	...	...	0.13	0.33	1.72	0.31	...	0.12	0.17	
			Barrackpore	0.15	...	...	...	...	...	...	...	...	...	...	...	...	...	0.00	0.78	0.25	0.37	0.59	...	
			Dum Dum	...	...	...	...	...	...	...	0.25	...	...	...	...	...	...	0.00	0.62	0.47	0.05	0.10	...	
SOUTH-WEST BENGAL.	Burdwan.	Nadia	Barasat	0.08	...	...	...	...	...	...	...	...	...	...	...	...	0.00	0.29	0.09	0.08	0.14	...		
			Ranichat	...	0.19	...	...	...	...	...	...	...	...	...	...	...	...	0.57	...	...	...	0.21	0.77	
			Krishnagar	0.03	0.18	0.04	...	...	...	...	...	...	...	...	...	...	0.26	0.34	...	0.30	0.04	...	...	
		Murshidabad	Chandannagar	0.13	0.06	...	...	...	...	...	...	...	...	...	...	...	0.47	...	...	...	...	...	...	
			Meherpur	0.16	...	...	...	...	...	...	...	...	...	...	...	...	...	0.21	0.01	...	...	0.13	...	
			Mohorpur	0.76	...	...	...	...	...	...	...	...	...	...	...	...	...	0.22	0.03	0.11	...	0.03	...	
		Murshidabad	Kashib	0.41	...	0.45	...	0.10	...	0.43	...	...	...	...	...	...	...	0.00	0.24	0.21	...	0.41	...	
			Kandi	0.21	0.20	0.66	...	0.05	...	...	...	...	...	...	...	...	...	1.02	0.05	...	0.18	2.45	0.01	
			Berhampore	0.63	0.12	...	0.41	...	...	...	...	...	...	...	...	...	...	1.61	0.01	...	0.00	0.25	...	
			Lalbach	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.15	...	0.65	0.22	...	0.31	
SOUTH-WEST BENGAL.	Burdwan.	Jessore	Azimganj	0.23	0.16	...	...	...	...	...	...	...	...	...	...	0.24	0.23	0.13	...	0.13	...	...		
			Jangipour	...	0.04	0.12	...	...	...	...	...	...	...	...	...	...	...	0.81	1.17	...	0.03	0.36	0.49	
			Lalgaia	1.50	...	0.20	...	...	...	...	0.20	...	...	...	...	...	...	0.21	1.09	0.10	0.10	0.28	0.30	
		Khuina	Akriganj	0.14	...	0.33	...	...	...	...	...	0.19	...	...	...	...	0.15	1.35	1.81	...	0.15	0.08	0.41	
			Putkabari	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
			Dumkal	...	0.80	...	...	...	...	...	...	...	...	...	...	...	...	0.50	...	0.12	...	0.10	0.47	
		Rajshahi	Natali	0.85	...	0.61	0.09	...	...	...	...	0.80	...	...	...	...	...	1.07	...	0.73	0.04	1.39	0.22	
			Jessore	0.12	...	0.14	0.43	...	...	...	...	...	...	...	...	...	...	0.15	0.10	0.35	...	0.07	0.79	
			Jhondah	0.07	...	0.52	0.29	...	...	...	...	0.33	...	...	...	...	...	0.06	0.60	0.45	0.02	0.55	0.09	
			Mugura	0.37	...	0.91	3.27	...	...	...	...	0.18	...	...	...	...	...	0.67	...	0.46	0.39	0.23	0.45	
SOUTH-WEST BENGAL.	Burdwan.	Khuina	Hangson	0.02	...	...	...	...	...	...	...	...	...	...	...	...	0.09	...	0.39	...	0.46	...		
			Satkhira	0.06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.05	0.64	...	0.08	0.22	
			Bagerhat	0.32	0.29	0.10	0.57	...	...	...	...	...	...	...	...	...	...	0.41	0.15	0.38	0.24	0.47	...	
		Dinaipur	Khuina	...	...	0.05	0.39	0.01	0.01	...	...	...	...	...	...	...	...	0.09	...	0.75	0.32	0.05	...	
			Kaliganj	0.03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.64	0.13	...	0.50	...	
			Nakipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.30	0.34	0.75	0.08	0.22	1.54	
		Rajshahi	Dumuria	...	...	0.17	0.68	...	...	...	...	...	...	...	...	...	...	0.41	...	0.30	0.30	...	0.16	
			Rampal	0.10	0.15	0.03	0.25	...	...	...	...	...	...	...	...	...	...	0.02	0.03	0.72	0.31	1.25	...	
			Kalrao	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.22	0.02	0.75	0.02	...	...	
			Paikgacha	0.06	0.06	...	...	...	...	...	0.00	0.18	...	...	...	...	...	0.35	...	0.25	0.21	...	...	
SOUTH-WEST BENGAL.	Burdwan.	Rajshahi	Mollahat	1.25	0.02	0.05	0.25	0.62	...	...	...	...	...	...	...	...	0.02	1.25	1.91	0.21	...	...		
			Moraltganj	1.07	0.74	...	...	...	...	...	...	...	...	...	...	...	...	0.40	0.37	0.18	1.18	...	...	
			Boulia	0.12	...	0.59	0.20	...	...	...	...	...	...	...	...	...	...	0.03	0.04	0.04	...	0.33	0.31	
		Dinaipur	Nator	0.06	0.02	0.29	0.54	0.20	...	...	...	...	...	...	...	...	...	0.40	0.37	0.18	1.18	...	...	
			Nagraon	0.12	...	1.05	0.05	0.06	1.83	...	...	...	...	...	...	...	...	1.33	0.11	0.09	0.08	...	...	
			Lalpur	0.33	...	0.30	0.05	0.55	...	...	...	...	...	...	...	...	...	0.17	...	...	...	0.21	...	
		Dinaipur	Mahadebpur	...	...	0.64	0.13	...	2.42	...	...	...	...	...	...	...	...	...	0.85	0.60	0.84	...	...	
			Manda	0.74	0.80																			

in Bengal in September 1899.

21	22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Highest rainfall during the month.	Total rainfall from 16th May 1898 up to 30th Sept. 1899.	Average rainfall from 16th May to 30th September.	Station.	District.	Division.	Meteorological Division.
0.30	0.15	2.23	0.54	...	...	...	...	...	...	9	9.43	5.18	0.65	2.23	60.37	40.74	Kalna	Burdwan.	Burdwan.	South-West Bengal.
0.00	1.77	2.40	4.85	...	...	...	...	...	...	6	12.19	5.96	8.04	4.85	56.02	43.45	Burdwan.	Burdwan.		
...	...	1.12	1.80	...	...	...	...	...	...	6	11.76	4.80	7.92	1.77	58.15	42.46	Katwa.	Burdwan.		
...	...	3.80	3.80	...	...	...	...	...	...	6	11.76	4.80	7.92	1.80	58.50	46.38	Raniganj.	Burdwan.		
...	...	1.05	3.20	0.25	...	...	...	...	...	6	10.64	8.27	8.86	3.80	61.84	45.77	Mankur.	Burdwan.		
0.01	...	1.86	1.24	0.04	...	...	...	...	...	7	12.92	5.06	9.05	3.26	53.09	50.00	Suri.	Birbhum.		
...	...	0.47	5.75	0.04	...	...	...	...	...	5	0.73	4.42	9.07	1.80	43.36	48.64	Hetampur.	Birbhum.		
0.40	...	3.05	3.13	0.03	...	...	...	...	...	8	12.03	8.37	10.83	5.25	40.26	47.09	Rampur Hat.	Birbhum.		
...	...	0.03	8.32	0.02	...	...	...	...	...	7	12.09	8.09	8.16	3.12	40.06	46.80	Bolpur.	Birbhum.		
...	0.47	3.24	5.03	...	...	...	...	...	...	5	?	10.27	?	8.32	53.70	?	Morari.	Birbhum.		
...	...	2.26	2.70	...	...	...	...	...	...	9	?	12.55	?	5.62	53.80	?	Lahpur.	Birbhum.		
...	...	1.82	4.16	...	...	...	...	...	...	4	12.69	5.40	8.03	2.70	41.92	40.23	Bankura.	Bankura.	Burdwan.	South-West Bengal.
...	...	2.67	1.72	...	...	...	...	...	...	5	12.11	7.27	8.95	4.45	44.98	48.39	Vishnupur.	Bankura.		
...	...	1.60	2.50	...	...	...	...	...	...	4	11.31	4.80	6.67	2.57	32.76	44.79	Mahara.	Bankura.		
0.13	0.43	1.20	7.12	...	...	...	...	...	...	6	11.81	6.03	8.79	2.50	43.23	40.92	Khatra.	Bankura.		
1.00	0.33	1.75	4.30	...	...	...	...	...	...	7	10.55	9.03	8.48	7.12	47.08	44.50	Indra.	Bankura.		
...	...	2.15	2.62	...	...	...	...	...	...	6	9.00	8.08	6.61	4.30	30.92	46.36	Kotalpur.	Bankura.		
...	...	2.66	2.16	...	...	...	...	...	...	5	10.73	5.32	9.05	2.02	43.84	42.25	Uda.	Bankura.		
...	...	3.91	1.80	...	...	...	...	...	...	3	10.74	5.80	6.54	2.89	40.10	40.85	Gangajalghati.	Bankura.		
...	0.47	3.20	2.01	...	...	...	...	...	...	6	12.55	7.73	8.80	3.91	43.15	52.64	Raipur.	Bankura.		
...	0.41	4.41	0.80	...	...	...	...	...	...	6	9.91	6.22	7.75	3.20	44.74	42.06	Sonamukhi	Bankura.		
...	0.05	3.58	3.86	...	...	...	...	...	...	10	13.03	9.52	11.00	4.41	70.41	50.43	Ontari	Midnapore.	Midnapore.	South-West Bengal.
0.63	0.29	3.43	4.05	...	...	...	...	...	...	12	10.52	15.10	8.47	6.46	70.86	40.02	Tamluk.	Midnapore.		
0.80	0.78	3.84	1.45	...	...	...	...	...	...	8	12.07	11.47	7.69	4.65	57.44	43.46	Midnapore.	Midnapore.		
1.50	0.80	3.00	3.50	...	...	...	...	...	...	6	12.50	7.44	9.23	3.88	62.93	48.68	Ghatol.	Midnapore.		
1.21	1.10	0.71	0.28	...	...	...	...	...	...	11	13.11	13.72	9.03	5.40	65.13	46.59	Kokrabaty.	Midnapore.		
...	0.26	0.21	0.69	...	...	...	...	...	...	12	11.53	10.14	8.73	3.00	47.34	50.02	Garbhat.	Midnapore.		
...	...	?	?	...	...	...	...	...	...	11	?	12.17	?	5.71	61.69	?	Pandura.	Midnapore.		
...	1.61	4.93	0.47	...	...	...	...	...	...	6	?	7.41	?	5.21	42.92	?	Dantua.	Midnapore.		
...	0.78	4.50	0.73	...	...	...	...	...	...	8	11.76	9.21	8.06	4.03	73.77	44.56	Serampore	Hooghly.		
0.01	0.25	2.25	1.07	0.01	...	...	...	...	...	10	11.76	10.65	7.33	4.50	62.79	42.02	Hooghly.	Hooghly.		
0.08	0.57	3.52	1.18	...	...	...	...	...	...	5	12.48	4.76	8.79	2.25	50.83	48.53	Jahangabad.	Hooghly.		
...	0.34	5.00	1.15	...	...	...	...	...	...	9	12.80	8.25	8.07	3.92	61.40	44.82	Howrah.	Hooghly.		
...	1.28	3.60	1.80	...	...	...	...	...	...	10	11.52	10.72	8.06	5.90	68.27	45.70	Mohoraka.	Hooghly.		
...	3.20	0.87	0.06	...	...	...	...	...	...	11	?	10.01	?	3.60	57.59	?	Ulubaria.	Hooghly.		
...	3.05	7.50	0.70	...	...	...	...	...	...	8	13.53	13.35	11.23	6.87	68.60	54.94	Saugor Island	24-Parganas.		
...	...	...	...	...	...	...	...	...	...	9	13.46	16.23	16.21	7.50	76.90	51.53	Diamond Har-	24-Parganas.		
...	...	2.23	...	...	...	...	...	...	...	9	13.71	5.95	8.75	2.33	51.80	51.15	Canning Town.	24-Parganas.		
...	1.67	4.35	0.32	...	...	...	...	...	...	11	13.73	8.04	9.33	4.30	60.83	58.50	Alipore (Obay.)	24-Parganas.		
...	0.84	3.08	...	...	...	...	...	...	...	9	10.92	9.08	7.74	4.35	65.65	43.74	Harrackpur.	24-Parganas.	Jessore.	South-West Bengal.
...	1.85	4.42	0.40	0.02	...	...	...	...	...	8	12.92	6.57	8.00	3.08	65.50	40.40	Dum-Dum.	24-Parganas.		
...	0.07	3.21	0.31	...	...	...	...	...	...	9	11.92	9.17	8.48	4.42	70.12	42.27	Basant.	24-Parganas.		
...	0.17	2.21	1.22	...	...	...	...	...	...	7	11.26	5.47	8.36	3.21	41.12	48.31	Basirhat.	24-Parganas.		
0.02	0.31	2.31	1.01	0.25	...	...	...	...	...	7	10.65	4.85	7.14	2.31	62.82	42.40	Ranachhat.	24-Parganas.		
...	0.34	0.65	0.95	...	...	...	...	...	...	8	10.84	5.01	7.31	2.31	50.59	40.80	Krishnagar.	Nadia.		
...	0.36	0.70	1.35	0.05	...	...	...	...	...	7	11.72	2.53	8.78	6.95	42.34	40.50	Choudanga.	Nadia.		
...	0.04	0.24	1.05	...	...	...	...	...	...	7	10.40	3.03	7.86	1.35	41.28	42.92	Mohorpur.	Nadia.		
...	0.13	1.91	3.25	...	...	...	...	...	...	10	11.50	4.40	9.12	1.05	51.18	40.51	Kewatia.	Nadia.		
...	0.07	2.70	3.11	0.02	...	...	...	...	...	9	12.47	10.70	9.12	0.28	51.70	43.77	Kandi.	Nadia.		
0.08	0.15	1.74	3.31	0.21	...	...	...	...	...	8	12.61	0.94	10.13	3.11	40.14	43.30	Berhampore	Murshidabad.	Murshidabad.	South-West Bengal.
...	...	0.10	4.38	0.07	...	...	...	...	...	10	12.65	7.30	9.79	3.31	49.86	41.98	Lalbach.	Murshidabad.		
...	...	0.45	0.07	...	...	...	...	...	...	10	12.83	8.18	9.24	4.38	45.42	41.07	Azinganj.	Murshidabad.		
...	...	0.10	7.00	...	...	...	...	...	...	7	12.16	10.40	10.04	6.07	59.18	43.24	Jangpur.	Murshidabad.		
...	...	0.20	3.05	...	...	...	...	...	...	11	12.39	10.90	10.25	7.00	82.75	45.73	Lalgola.	Murshidabad.		
...	...	...	...	...	...	...	...	...	...	12	11.40	7.67	8.79	3.65	40.78	44.17	Akriganj.	Murshidabad.		
...	...	1.20	3.28	...	...	...	...	...	...	8	10.23	6.84	8.21	3.24	51.36	43.05	Patkubari.	Murshidabad.		
...	1.02	1.07	0.22	0.40	...	...	...	...	...	12	10.00	9.42	6.60	1.09	50.78	39.47	Dumkal.	Murshidabad.		
0.06	0.06	3.7	0.50	...	...	...	...	...	...	12	11.06	7.63	8.09	3.57	58.01	47.03	Narail.	Jessore.	Jessore.	South-West Bengal.
...	0.04	0.44	0.04	...	...	...	...	...	...	8	11.32	4.98	8.08	0.94	40.28	45.48	Jessore.	Jessore.		
...	1.33	0.81	0.01	...	...	...	...	...	...	13	10.45	11.01	7.30	3.27	58.28	47.11	Shendah.	Jessore.		
...	0.06	4.15	0.84	...	...	...	...	...	...	6	10.42	7.11	8.05	4.15	60.38	43.72	Bangura.	Jessore.		
...	0.31	4.05	0.12	0.15	...	...	...	...	...	13	12.00	6.88	8.20	4.05	45.71	47.23	Sakardra.	Jessore.		
...	0.16	2.02	0.41	0.14	...	...	...	...	...	13	12.36	4.92	9.11	1.00	54.01	47.49	Hazorhat.	Jessore.		
...	0.61	4.50	...	...	...	...	...	...	...	9	12.72	6.73	9.24	2.02	61.03	47.49	Koolna.	Jessore.		
...	0.48	1.72	...	...	...	...	...	...	...	7	?	8.26	?	4.50	58.16	?	Kalyanj.	Jessore.		
...	0.45	1.85	0.20	...	...	...	...	...	...	10	?	7.05	?	1.72	62.81	?	Nakpur.	Jessore.		
...	...	2.00	0.25	0.30	...	...	...	...	...	10	?	8.14	?	1.85	59.06	?	Dumuria.	Jessore.		
0.70	0.20	4.00	0.26	...	...	...	...	...	...	9	?	5.41	?	2.00	25.07	?	Rampal.	Jessore.		
...	1.00	4.93	0.42	0.15	...	...	...	...	...	8	?	8.14	?	4.00	52.03	?	Katana.	Jessore.	Khatra.	South-West Bengal.
...	0.13	2.21	2.12	...	...	...	...	...	...	10	?	9.07	?	4.03	71.24	?	Pakgacha.	Jessore.		
...	...	2.32	0.14	0.36	...	...	...	...	...	11	?	14.51	?	2.35	134.24					

### Table of Rainfall recorded at station

District.		Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Dacca.	Dacca	Munshiganj	1.80	...	2.20	0.00	1.21	...	...	...	...	...	0.73	0.20	0.43	1.84	...	...	...	...	...	...
	Dacca	Narayanganj	0.53	...	0.06	1.11	0.26	...	...	...	...	...	1.00	0.05	0.34	0.25	0.22	...	...	...	...	
	Dacca	Manikganj	0.47	...	1.00	0.08	1.32	...	...	...	...	...	1.03	1.00	0.50	0.54	0.14	...	...	...	...	
	Mymensingh...	Jaydebpur	0.56	0.15	0.02	1.00	0.12	...	0.02	...	...	...	0.06	0.53	0.00	...	0.10	...	...	...	...	
	Mymensingh...	Kishoreganj	0.82	0.05	0.39	1.83	0.16	1.47	0.63	...	...	0.17	1.26	0.00	2.37	2.45	1.25	0.28	0.25	0.07	...	
	Mymensingh...	Atia (Tangail)	0.85	0.02	0.85	1.40	0.31	...	...	...	...	...	0.07	0.01	0.08	0.21	0.43	0.20	1.41	...	...	
	Mymensingh...	Mymensingh	2.53	2.74	0.00	0.84	0.44	0.23	0.07	0.18	...	...	1.90	1.02	0.63	0.58	0.14	0.78	3.67	0.30	0.12	
	Mymensingh...	Jamalpur	1.07	0.55	0.45	1.05	1.80	...	...	...	...	...	...	0.85	...	0.60	0.70	...	...	...	...	
	Mymensingh...	Netrakona	1.70	2.23	0.80	1.05	1.35	0.90	...	0.25	...	0.23	0.84	0.30	0.16	0.08	0.40	0.01	2.40	...	0.05	
	Mymensingh...	Subarnakhal	...	0.75	1.25	0.35	...	...	...	...	...	0.25	0.43	0.32	...	0.23	0.23	0.35	0.13	0.10	0.25	
Faridpur.	Durgapur	...	0.80	0.60	1.20	2.20	0.50	0.90	0.80	0.40	...	...	...	0.80	0.30	0.70	0.50	1.20	0.40	...	...	
	Shorpur Town	...	3.80	0.85	3.00	0.60	0.34	3.00	0.25	...	...	...	0.23	2.10	0.85	0.65	...	0.20	...	0.30	0.05	
	Diwanbari	...	0.82	0.65	1.03	4.67	0.05	1.89	0.11	...	...	...	...	0.40	0.33	0.33	0.06	1.25	0.03	3.35	0.25	
	Nalitabari	...	0.81	0.11	1.20	0.80	3.02	...	1.74	...	...	...	1.70	0.43	0.21	0.13	1.20	2.51	0.07	0.14	...	
	Madaripur	...	...	0.65	0.60	1.00	0.60	0.40	0.12	...	...	...	0.43	0.15	0.15	1.00	0.60	0.10	0.15	0.09	...	
	Faridpur	...	0.19	0.06	1.83	1.05	...	1.77	...	...	...	...	0.40	...	0.38	0.16	0.54	0.74	0.00	...	...	
	Goswami	...	0.11	0.84	1.18	1.01	...	0.62	...	...	...	...	...	...	0.25	0.18	0.10	0.24	0.40	...	...	
	Patuakhali	...	2.16	...	0.81	0.47	0.03	...	...	...	...	0.90	0.57	0.05	1.85	0.05	0.37	...	0.35	...	...	
	Pirajpur	...	1.46	0.03	0.10	0.72	...	...	...	...	...	0.90	0.25	...	0.30	1.16	0.03	0.05	...	...	...	
	Barisal	...	2.20	...	0.80	0.35	0.06	...	...	...	1.13	0.84	0.64	0.35	0.15	0.37	...	...	...	...	...	
Backergunge.	Gournadi	...	1.02	...	1.21	0.82	...	0.03	0.02	...	...	...	...	0.14	0.51	0.53	1.03	0.10	0.26	...	...	
	Rhola	...	1.20	...	1.16	0.82	0.07	...	...	...	...	...	1.10	1.02	0.78	...	0.02	0.03	0.05	...	...	
	Daulatkhan	...	0.24	...	1.18	0.63	...	0.74	...	...	...	...	1.05	1.08	0.12	...	0.74	0.04	0.32	...	...	
	Bunphal	...	1.50	0.05	1.00	0.42	0.06	...	1.10	...	0.03	0.40	2.11	1.50	0.20	0.10	0.16	0.00	...	...	...	
	Agartala	...	0.20	0.25	...	...	...	...	...	...	...	...	0.27	0.30	0.15	0.60	0.14	...	...	...	...	
	Comilla	...	0.31	0.23	0.03	...	4.33	0.05	0.02	...	...	0.20	1.30	0.60	1.85	0.25	1.01	0.08	...	...	...	
	Chandpur	...	1.25	...	1.67	0.17	0.10	0.07	...	...	...	0.72	1.06	1.8	0.50	0.74	0.07	...	...	...	...	
	Brahmanbaria	...	0.70	1.00	0.94	0.63	0.15	...	...	...	...	0.45	2.75	0.39	0.94	...	0.33	...	...	...	...	
	Ramchandrapur.	...	0.22	0.87	1.24	...	0.20	0.23	0.23	...	...	...	2.35	1.27	0.30	1.08	0.04	...	...	...	...	
	Nasirnagar	...	0.68	0.78	1.50	1.10	0.60	0.10	...	0.06	...	...	2.15	0.30	0.65	0.35	0.29	...	...	...	...	
Chittagong.	Daudkandi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Kusha	...	0.85	0.20	0.20	0.60	0.80	...	...	...	...	0.80	0.85	0.86	0.52	0.40	0.50	0.04	...	...	...	
	Lakson	...	0.37	0.21	3.50	0.40	...	...	...	...	0.10	0.31	0.35	0.55	0.53	...	0.10	...	...	...	...	
	Noakhali	...	0.34	1.94	0.85	1.34	3.54	0.37	0.44	...	...	0.15	0.32	1.56	2.06	0.92	0.15	...	...	...	...	
	Fenny	...	4.57	0.04	1.84	0.73	3.14	0.14	...	...	...	...	0.56	0.20	0.74	3.30	0.44	0.07	...	...	...	
	Hatishpur	...	4.27	0.04	0.14	0.11	3.70	0.26	...	0.17	...	0.09	0.78	...	1.44	1.90	0.80	0.06	...	...	...	
	Ramanaj	...	1.02	0.30	0.38	0.32	1.62	...	...	...	...	...	3.06	0.97	0.63	0.31	0.25	...	...	...	...	
	Chagalnaya	...	2.00	0.34	...	0.75	3.49	0.06	...	...	...	0.84	0.12	1.70	0.31	1.44	0.81	0.17	...	...	...	
	Itatia	...	0.02	...	...	2.82	0.80	...	...	0.80	...	...	...	3.82	1.02	0.70	...	...	...	...	...	
	Lakhipur	...	0.77	0.12	2.44	0.47	0.85	...	...	...	...	0.15	1.62	1.50	0.66	0.75	1.44	...	...	...	...	
Chittagong.	Cox's Bazar	...	0.80	2.00	...	0.48	1.51	0.01	...	0.36	0.03	...	...	1.50	0.32	1.00	1.17	...	...	...	...	
	Chittagong	...	0.88	0.18	...	1.50	0.76	0.05	...	0.03	...	...	...	1.00	0.60	0.06	0.85	0.02	...	0.30	0.35	
	Katubdia	...	2.20	0.33	0.31	0.05	0.82	0.21	...	...	...	...	0.31	0.61	0.84	1.80	0.00	0.37	...	...	...	
	Satkanya	...	0.05	1.07	...	...	0.41	...	...	...	...	1.51	...	0.65	1.70	...	0.05	0.78	...	...	...	
	Kodala	...	0.51	0.02	0.03	0.65	1.36	...	...	0.43	0.60	0.62	0.37	0.74	0.67	0.10	...	...	...	...	...	
	Fenosa	...	3.50	0.00	1.96	1.00	1.33	...	...	...	...	0.40	0.73	0.83	0.60	0.30	...	...	...	...	...	
	Mirsarai	...	1.51	0.36	1.04	1.52	2.90	...	0.28	...	...	0.35	...	0.65	1.78	0.35	0.67	0.15	...	0.50	0.34	
	Kaukanat	...	0.05	1.20	0.24	1.78	0.90	0.19	...	...	...	0.80	0.40	0.78	0.34	0.34	0.43	0.18	...	...	...	
	Bundarban	...	0.70	0.64	0.30	0.00	1.71	0.23	0.14	...	...	...	1.60	1.70	0.23	...	0.18	0.17	0.18	0.34	0.00	
	Patna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.94	1.64	0.08	0.38	...	
Gaya.	Dinapore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.94	1.64	0.08	0.38	...	
	Bihar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.13	0.30	0.89	0.02	0.23	
	Burh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.20	1.23	0.32	0.15	...	
	Bikram	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.12	1.82	0.41	0.50	0.65	
	Hilsa	...	0.15	...	...	...	...	...	...	...	...	...	...	...	...	...	0.00	2.10	0.65	...	0.15	
	Aurungabad	...	...	...	...	...	...	...	...	...	...	...	...	...	0.23	...	0.14	0.92	1.45	...	...	
	Gaya	...	0.11	...	...	...	...	...	...	...	...	...	...	0.05	1.06	...	0.86	0.31	0.50	...	...	
	Nawada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.28	0.03	0.53	...	0.30	
	Jahnnabad	...	0.15	...	...	...	...	...	...	...	...	...	...	...	...	...	1.03	0.14	0.15	...	1.01	
	Arwal	...	0.20	...	...	...	...	...	...	...	...	...	...	...	...	...	2.55	0.75	0.25	...	0.07	
Shahabad.	Daudnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.01	0.52	0.50	0.08	...	
	Shorghati	...	0.11	...	...	...	...	...	...	...	...	...	...	0.06	...	0.23	0.31	0.50	0.12	...	...	
	Kajauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.39	0.44	...	...	...	
	Pakri Barawan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Buzar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Dumri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.01	0.91	0.27	1.02	0.13	
	Bhabhua	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.01	0.97	0.03	0.04	...	
	Savarman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.23	1.70	...	...	...	
	Sarab	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.01	2.58	0.85	0.60	...	
	Mohanes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.52	0.11	0.33	0.04	0.46	
Baran.	Ahri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Agadon	...	0.30	...	...	...	...	...	...	...	...	...	...	...	...	...	0.22	1.60	...	1.50	2.00	
	Ramagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.85	0.25	0.40	...	...	
	Koath	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.50	0.00	0.80	0.46	
	Sikraul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.39	...	0.41	...	
	Basantan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.80	0.50	0.30	...	
	Mouharpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.01	2.64	0.33	0.61	0.36	
	Chauva	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.07	1.92	0.88	0.11	0.17	
	Gopakandj	...	0.20	...	...	...	...	...	...	...	...	...	...	...	...	...	0.62	5.81	0.05	...	2.26	
	Siwan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.10	0.97	...	2.59	1.00	
Champaran.	Ekma	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.40	2.50	0.40	0.23	1.80	
	Chapra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.23	0.40	2.25	0.05	0.54	
	Itahwa	...	0.28	...	...	...	...	...	...	...	...	...	...	...	...	...	0.33	3.17	...	0.12	7.12	
	Amnahr	...	...	...	...	...	...	...	...	...	...											



**in Bengal in September 1899—continued.**

21	22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rain fall during the month.	Total rainfall from 1st May 1899 to 31st Sept. 1899.	Average rainfall from 1st May to 31st Sept.	Station.	District.	Division.	Meteorological Division.
0.10	0.19	0.21	0.06	...	...	...	...	...	...	10	12.41	9.51	10.86	2.20	58.02	50.39	Munshiganj ...	Dacca.	Dacca.	East Bengal.
0.22	0.18	0.31	...	...	...	...	...	...	...	11	11.80	8.61	8.86	1.11	67.05	51.06	Dacca			
0.29	0.18	0.31	...	...	...	...	...	...	...	10	11.01	8.78	8.61	2.47	63.43	53.44	Narayanganj.			
1.32	0.51	0.23	...	...	...	...	...	...	...	11	10.70	7.07	7.20	1.00	52.45	44.93	Manikganj.			
0.16	0.41	0.29	0.27	0.24	...	...	...	...	...	14	12.29	9.07	7.97	2.20	74.14	53.86	Jaydebpur.			
...	0.34	0.33	0.67	...	...	...	...	...	...	29	13.50	10.26	12.48	2.67	83.81	64.94	Kinhorganj ...			
0.11	0.12	0.20	0.03	...	...	...	...	...	0.30	11	9.46	6.39	8.50	1.40	50.59	48.02	Atia (Tangail).			
...	0.25	1.43	0.50	0.08	...	...	...	...	...	19	14.84	10.72	12.34	3.07	83.77	67.94	Mymensingh.			
...	1.55	0.73	...	...	...	...	...	...	...	11	13.15	10.35	12.88	1.95	66.02	60.10	Jamalpur.			
0.10	0.25	0.92	0.39	...	...	...	...	...	...	19	16.01	17.15	13.32	2.46	120.26	79.99	Netrokona.			
...	...	...	...	...	...	...	...	...	...	16	11.40	...	9.71	...	...	49.67	Subarnakhal.		Dacca.	Dacca.
...	2.00	0.70	...	...	...	...	...	...	...	16	12.00	18.40	18.44	4.80	134.10	114.33	Durgapur.			
...	1.29	1.25	...	...	...	...	...	...	...	10	...	10.05	...	3.80	72.80	...	Sherepur Tson			
...	0.80	1.50	...	...	...	...	...	...	...	14	9.70	17.55	10.43	4.07	88.00	59.81	Dwanganj.			
...	1.61	3.08	...	...	...	...	...	...	...	15	...	18.34	...	3.58	74.73	...	Nalitabari.			
...	1.10	...	...	...	...	...	...	...	...	13	11.23	...	7.08	...	...	47.90	Madaipur.			
0.09	0.53	0.27	...	...	...	...	...	...	...	13	11.76	9.89	8.93	1.83	60.13	50.90	Faridpur.			
0.13	0.40	...	...	...	...	...	...	...	...	12	10.08	6.60	7.54	1.91	59.44	45.09	Faridpur.			
...	1.10	0.12	0.03	...	...	...	...	...	0.10	12	14.29	10.35	12.04	2.10	88.85	54.08	Gomundo.			
...	1.56	0.20	1.20	...	...	...	...	...	...	10	14.00	7.08	10.63	1.56	64.96	60.03	Patukhal.		Chittagong.	Chittagong.
...	1.08	1.03	...	...	...	...	...	...	...	11	14.01	8.50	10.79	2.29	67.06	59.45	Pirojpur.			
...	0.85	1.25	0.58	...	...	...	...	...	...	11	12.72	9.33	7.35	1.09	64.74	49.47	Barisal.			
...	0.70	0.26	0.03	...	...	...	...	...	...	11	15.05	10.29	10.97	1.62	75.51	67.99	Gauradi.			
...	0.46	0.56	...	...	...	...	...	...	0.20	12	...	9.26	...	1.88	91.09	...	Holra.			
0.03	1.20	0.45	0.03	...	...	...	...	...	1.70	13	12.70	11.15	11.02	1.70	75.48	69.98	Daulatkhan.		Chittagong.	Chittagong.
...	...	...	...	...	...	...	...	...	...	13	13.55	10.05	10.05	...	...	53.32	Banphal.			
0.07	1.80	0.86	0.52	0.01	...	...	...	...	0.07	14	13.12	15.70	10.51	4.33	77.10	69.59	Asmatola.			
...	1.21	0.37	0.46	0.12	...	...	...	...	0.05	14	14.33	10.00	10.53	1.67	62.90	64.02	Oomilla.			
...	0.70	0.77	0.28	...	...	...	...	...	...	13	12.46	9.88	10.77	2.75	88.80	55.21	Chandpur.			
...	0.83	0.23	...	...	...	...	...	...	...	12	9.55	9.09	7.63	2.85	69.95	60.35	Brahmanbaria.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bamchandra- pur.		Chittagong.	Chittagong.
...	0.34	0.54	...	...	...	...	...	...	0.09	15	10.80	10.36	9.47	2.15	68.86	47.59	Nasirnagar.			
...	...	...	...	...	...	...	...	...	...	15	10.36	8.78	8.40	0.90	52.75	45.95	Daudkandi.			
0.04	0.34	0.80	0.23	0.40	...	...	...	...	...	15	8.82	9.25	9.19	0.90	76.17	61.86	Kasba.			
0.11	0.63	0.34	0.32	3.25	...	...	...	...	0.38	18	10.92	17.09	15.77	3.56	123.45	94.10	Laksam.			
0.42	0.02	1.25	0.20	...	...	...	...	...	...	14	14.05	18.40	13.41	4.67	132.94	91.76	Noakhali.			
0.59	0.12	1.10	1.52	0.11	...	...	...	...	0.62	16	14.20	18.45	17.31	4.67	132.94	91.76	Fenny.			
0.53	0.43	1.25	0.43	0.55	...	...	...	...	1.64	16	12.40	13.43	9.53	3.06	83.40	66.34	Harishpur.			
0.74	0.17	0.30	0.83	0.44	...	...	...	...	...	18	...	14.79	...	3.40	110.77	...	Rangaj.			
1.34	...	0.40	0.50	...	...	...	...	...	1.32	13	...	14.90	...	3.62	125.75	...	Chhaganaga.			
0.05	0.15	0.12	0.40	0.05	...	...	...	...	0.90	17	14.30	18.91	14.34	2.70	180.20	120.38	Lakhipur.			
0.35	1.38	0.40	0.45	0.90	...	...	...	...	0.02	13	13.70	12.41	12.21	3.35	102.40	84.37	Cox's Bazar.			
3.33	0.07	0.07	0.75	0.32	1.42	...	...	...	0.32	16	11.64	10.58	10.68	2.20	123.78	98.13	Chittagong.			
0.15	...	0.87	...	...	...	...	...	...	0.15	10	14.10	7.95	16.18	1.70	91.00	70.91	Kutubdia.			
0.06	0.14	0.90	0.40	...	...	...	...	...	0.12	17	10.62	16.70	10.70	3.50	100.97	70.20	Satkanya.			
0.08	0.19	1.10	...	...	...	...	...	...	0.17	17	...	15.77	...	3.29	89.51	...	Kodala.			
1.06	0.72	0.85	1.00	...	...	...	...	...	0.10	18	...	15.32	...	3.29	110.75	...	Renua.			
0.17	0.00	0.55	0.50	0.13	...	...	...	...	0.08	17	16.84	13.10	11.50	1.78	74.05	61.50	Miracat.			
...	0.13	...	2.34	...	...	...	...	...	0.80	20	...	16.65	...	2.31	91.91	...	Bangorabam.			
...	...	1.24	...	...	...	...	...	...	...	4	9.05	4.18	7.40	1.04	47.35	39.12	Patna.		Patna.	Bihar.
...	...	2.06	...	...	...	...	...	...	...	5	9.54	6.08	7.25	2.72	53.53	39.36	Dinapore.			
...	...	4.50	...	...	...	...	...	...	...	5	9.35	6.14	6.47	4.50	42.75	38.03	Hibac.			
...	...	3.78	...	...	...	...	...	...	...	5	8.81	5.82	7.03	3.74	55.02	36.90	Barh.			
...	...	1.40	...	...	...	...	...	...	...	5	9.30	4.99	6.78	1.82	44.71	39.36	Bikram.			
...	...	4.05	...	...	...	...	...	...	...	5	7.66	7.10	5.69	4.05	40.07	35.66	Hila.			
...	...	0.30	...	...	...	...	...	...	...	5	9.08	2.96	6.80	1.45	45.59	39.49	Aurangabad...			
...	...	0.80	...	...	...	...	...	...	...	5	9.81	3.65	6.80	1.05	50.98	40.09	Gaya.			
...	...	2.03	...	...	...	...	...	...	...	5	8.13	4.98	5.87	2.03	40.60	37.72	Nawada.			
...	...	1.55	...	...	...	...	...	...	...	4	8.27	5.37	6.93	2.55	50.60	30.90	Jahanabad.			
...	...	0.64	...	...	...	...	...	...	...	3	7.45	1.77	6.07	0.98	49.64	34.78	Arwal.			
...	...	0.10	...	...	...	...	...	...	...	4	8.00	0.93	7.49	0.31	30.45	31.12	Daudnagar.			
...	...	2.41	...	...	...	...	...	...	...	3	9.67	3.21	5.97	1.45	54.79	36.27	Shahad.			
...	...	2.38	...	...	...	...	...	...	...	4	8.00	3.41	5.61	2.32	45.32	36.94	Bajaul.			
...	...	0.66	...	...	...	...	...	...	...	3	9.10	1.44	7.17	1.02	44.30	35.95	Pakri Barawan.			
...	...	...	...	...	...	...	...	...	...	3	10.07	2.62	6.81	0.97	44.50	37.74	Buxar.			
...	...	...	...	...	...	...	...	...	...	3	9.46	2.92	6.91	1.70	45.29	37.91	Dehri.			
...	...	0.55	...	...	...	...	...	...	...	3	9.73	4.34	6.76	2.54	52.61	35.99	Bhambua.			
...	...	...	...	...	...	...	...	...	...	7	9.81	7.40	7.19	2.73	45.91	38.03	Sasaram.			
...	...	...	...	...	...	...	...	...	...	7	0.30	...	6.12	...	...	36.17	Arrah.			
...	...	0.60	...	...	...	...	...	...	...	2	...	4.85	...	3.35	51.08	...	Mohana.			
...	...	...	...	...	...	...	...	...	...	7	...	8.14	...	2.12	67.28	...	Khari.			
...	...	...	...	...	...	...	...	...	...	3	...	2.50	...	1.85	56.44	...	Agam.			
...	...	...	...	...	...	...	...	...	...	4	...	2.68	...	1.29	...	...	Ranagar.			
...	0.24	0.14	...	...	...	...	...	...	...	4	...	4.18	...	1.50	46.68	...	Kuth.			
...	...	...	...	...	...	...	...	...	...	3	...	2.10	...	3.39	...	...	Sikrand.			
...	...	0.05	...	...	...	...	...	...	...	4	...	3.33	...	2.64	...	...	Hassanagar.			
...	...	...	...	...	...	...	...	...	...	4	...	2.64	...	2.64	...	...	Mahapur.			
...	...	...	...	...	...	...	...	...	...	3	7.78	7.88	7.25	1.32	49.10	...	Chausa.			
...	...	...	...	...	...	...	...	...	...	4	9.05	5.14	8.57	2.39	56.31	54.88	Gomukanj.			
...	...	1.15	...	...	...	...	...	...	...	7	...	7.73	...	2.39	57.95	49.29	Siwan.			
...	...	0.50	...	...	...	...	...	...	...	6	8.38	5.60	6.94	2.50	52.28	...	Ekma.			
...	...	0.34	...	...	...	...	...	...	...	6	...	11.76	...	2.25	56.36	36.53	Chhapra.			
...	...	0.70	...	...	...	...	...	...	...	5	...	0.90	...	7.13	71.33	...	Hathua.			
...	...	...	...	...	...	...	...	...	...	4	...	5.04	...	5.15	67.03	...	Amnour.			
...	...	...	...	...	...	...	...	...	...	2	...	3.38	...	2.10	57.92	...	Basantpur.			
...	...	0.21	...	...	...	...	...	...	...	3	...	3.97	...	1.90	50.18	...	Darowlee.			
...	...	...	...	...	...	...	...	...	...	7	9.04	8.67	8.45	3.70	58.24	...	Bhorah.			
...	...	0.29	...	...	...	...	...	...	...	6	8.60	8.41	9.28	4.44	50.46	46.19	Moulhari.			
...	...	0.54	...	...	...	...	...	...	...	6	8.62	5.02	10.99	1.22	78.97	46.12	Bettah.			
...	...	0.11	...	...	...	...	...	...	...	6	7.73	6.38	7.98	1.71	72.70	58.5				

Table of Rainfall recorded at station

Meteorological Division.	Division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
BIHAR—continued.	Bhagalpur—continued.	Bhagalpur ...	Madhipura ...	0'11	...	1'78	...	...	...	...	...	...	...	...	...	...	0'14	1'85	0'69	1'42	...	...	0'16	
		Bhagalpur ...	Bongson ...	...	...	0'30	...	...	...	...	...	...	...	...	...	...	...	2'41	...	0'20	...	...	...	
		Bhagalpur ...	Rupaul ...	0'15	1'37	0'08	...	...	1'30	...	...	...	...	...	...	0'02	...	...	...	...	...	...	...	
		Bhagalpur ...	Pratapganj ...	1'72	...	0'25	1'16	...	1'00	...	...	...	...	...	...	0'01	0'82	2'35	0'39	1'44	...	0'08	...	
		Bhagalpur ...	Bhagalpur ...	...	0'14	0'40	0'47	...	...	...	...	...	...	...	...	...	0'65	2'41	0'30	...	...	0'08	...	
		Bhagalpur ...	Banka ...	...	0'06	0'34	0'13	...	...	...	...	...	...	0'07	...	0'03	...	0'45	...	0'25	3'41	...	0'08	...
		Bhagalpur ...	Colgong ...	...	0'14	2'24	...	...	...	...	...	...	...	...	...	...	...	0'03	...	0'84	1'13	...	1'14	...
		Bhagalpur ...	Bansil ...	0'45	0'15	0'20	...	...	...	...	...	...	...	...	1'20	...	0'10	...	0'30	0'55	0'67	0'62	0'10	...
		Bhagalpur ...	Kushanganj ...	0'08	0'23	3'07	0'13	...	0'48	0'42	...	...	...	...	0'19	0'25	...	...	0'40	3'65	0'05	...	0'15	...
		Bhagalpur ...	Araria ...	0'11	...	0'10	...	...	0'13	...	...	...	...	...	...	...	0'07	11'04	2'42	0'74	0'37	0'18	1'10	...
Orissa.	Bhagalpur—continued.	Bhagalpur ...	Purnea ...	0'09	...	0'78	...	...	3'05	...	...	...	...	...	...	...	...	2'30	2'00	0'17	2'20	0'20	...	
		Bhagalpur ...	Gondwara ...	0'77	...	0'13	...	1'33	...	...	...	...	...	...	...	...	...	0'40	0'12	1'30	1'10	0'12	...	
		Bhagalpur ...	(Korah).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Barsoe ...	...	...	1'60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Forbesganj ...	1'10	...	0'16	...	...	0'40	...	...	...	...	...	...	...	...	...	3'10	1'00	...	...	...	
		Bhagalpur ...	Kaliaganj ...	...	...	...	...	...	0'40	0'50	1'10	...	...	...	...	...	...	...	0'25	0'70	1'40	...	2'03	...
		Bhagalpur ...	Malda ...	0'03	0'33	0'28	0'17	...	0'40	0'50	...	...	...	...	...	...	...	...	0'30	0'61	1'33	...	...	...
		Bhagalpur ...	Chunar al ...	0'75	0'35	0'42	0'04	0'40	1'57	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhagalpur ...	Gajol ...	0'00	0'30	0'30	0'07	...	...	...	...	...	...	...	...	...	...	...	...	0'80	3'30	0'02	0'23	...
		Bhagalpur ...	Sibganj ...	0'17	0'30	1'22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Orissa.	Bhagalpur—continued.	Bhagalpur ...	Rajmahal ...	0'32	1'04	0'22	0'02	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Godda ...	...	0'70	0'07	0'22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Pakaur ...	...	0'21	0'20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Naya Dumka ...	0'06	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Deoghur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Jamtara ...	...	...	...	...	...	0'65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Mohagama ...	...	0'15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Nandihat ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Assenbant ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Kalikund ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Orissa.	Bhagalpur—continued.	Bhagalpur ...	Madhipur ...	...	...	...	...	...	0'02	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Bhagalpur ...	Sarwan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Sarath ...	0'20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Darkope ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Bhagya ...	...	1'12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Mohespore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Barharwa ...	...	0'06	0'17	0'09	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Sahibganj ...	1'50	...	...	0'32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Bario ...	0'35	0'84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Jagatsingpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Orissa.	Bhagalpur—continued.	Bhagalpur ...	Bunka ...	0'04	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Bhagalpur ...	Outback ...	...	0'21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	False Point ...	0'05	0'10	...	...	...	1'73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Kondrapara ...	...	0'31	...	0'14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Jajpur ...	...	0'03	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Dharmasala ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Sahipore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Pal Lahara ...	0'13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Akhypada ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Chandabati ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Orissa.	Bhagalpur—continued.	Bhagalpur ...	Ihadrak ...	...	0'12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Bhagalpur ...	Soro ...	...	...	0'42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Balasore ...	...	0'65	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Jelinsore ...	...	0'31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Baripada ...	...	0'00	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Puri ...	0'28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Khurda ...	0'20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Rhanpur ...	0'10	...	...	0'05	0'02	0'40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Gop ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Satpara ...	0'30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Orissa.	Bhagalpur—continued.	Bhagalpur ...	Pipli ...	0'13	...	...	0'30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
		Bhagalpur ...	Nayagora ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Ranpur ...	0'21	...	...	0'57	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Kanas ...	0'50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Pachababa ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	(Giridih).	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
		Bhagalpur ...	Hazaribagh ...	...	...	...	...	...	...	...	...	...	...	...	...	...								

Bengal in September 1899—concluded.

21	22	23	24	25	26	27	28	29	30	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Highest rainfall during the month.	Total rainfall from 1st May 1899 to 30th Sept. 1899.	Average rainfall from 1st May to 30th September.	Station.	District.	Division.	Meteorological Division.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Madhipura Bongaon (Syfabad).	Bhagalpur.	Bhagalpur—concluded.	Bihar—concluded.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rupaul.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Protaganj.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bhainsipur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bauka.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Colkong.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Banail.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kishanganj.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Araria.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Purnea.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gondwana (Korah).			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bargua.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Forbesganj.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kuliganj.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Maiba.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chinnahal.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gujol.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sibganj.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rajmahal.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gadda.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pakur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Naya Dumka.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Dumkur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Jamtara.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mahaganja.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nanital.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Aswanthi.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Katikan.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Madhupur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sarwan.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sorah.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Barkha.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bhagpur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Monasore.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bachawa.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sahibganj.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bari.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Jokatsingpu.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Banki.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Cuttack.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chandabali.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bladrak.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Soro.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balasore.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Jalinsore.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Barpada.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Puri.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Khurda.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Baupa.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gop.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Shipara.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pipli.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nagapah.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rampur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kanas.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pachamba (Giridih).			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Hazaribagh.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Burhi.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chitra.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kamaitaha.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rampur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Leonardaga.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Ranchi.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Silli.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Palkot.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Tamar.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Champur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Surguja.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Jashpur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gangpur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Palamau (Daltonganj).			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balunath.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Haramabad.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Mahadand.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gurhwa.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Panki.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Latehar.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Nagaruntari.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Rauka.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chatterpore.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Paruna.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Gohadpur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Raghunathpur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Barabhum.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Jualia.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chas.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pandra.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Coatbura.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chakradhar.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	pur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Ghatila.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Baharagura.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Galkara.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kalkapur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Manikpur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Konjhar.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Amardpur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Talihar.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Narsingpur.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Anaul.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Dhonkanal.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bishpara.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Kunjabongarh.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Barabha.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Barnaga.			



**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS  
TAKEN IN BENGAL, AND OF THE METEOROLOGICAL OBSERVATIONS  
TAKEN IN ASSAM, FOR THE MONTH OF SEPTEMBER 1899.**

WEATHER was less settled over the Bay in September than during the previous months of the present monsoon season, but no disturbance of more than average severity occurred. Two depressions formed over the Bay—one during the second week, the other towards the end of the third week—both of which had an important influence on the rainfall distribution in Bengal, and the former of the two in the area to the west of the province.

The line of advance of the small cyclonic disturbances throughout the season has been, sooner or later, northwards or north-eastward, and the two which formed during the month were not exceptional in this respect. The first crossed the coast of the Circars in a westerly direction. It afterwards turned northwards, and when in the North-West Provinces the line of advance changed to east. Though by that time the depression had become very shallow, it caused, during its eastward advance across Bihar and North Bengal, heavy general rainfall for several days. Practically the only rainfall which was received during the month in the extreme west of Bihar was due to this disturbance. Between the 15th and 18th there occurred the greater part of the total fall for the month in Shahabad, Saran, and Champaran, amounting on an average to 5 inches.

The second disturbance began about the 18th, probably in the south of the Bay, and moving northwards developed into a cyclonic storm of moderate severity before the centre crossed the coast into Bengal near Saugor Island. Inland the depression remained well defined till the centre was near Malda at 8 A.M. on the 24th, after which it rapidly filled up and had entirely disappeared by the following day.

The most noteworthy features of the disturbance were connected with the rainfall: (1) in its being unusually heavy in parts of the track of the central area, more especially in the phenomenal fall over the Darjeeling Hills, on approaching which the disturbance broke up and in a few hours ceased to exist: (2) in the area of heavy rainfall being far north of the low pressure area and the centre of the cyclonic wind circulation, as shown by the observations at the ground level.

The heavy rainfall not unusually precedes the depression, but in this case the rain had practically ceased at the various places over which the depression passed hours before the centre of the depression reached them. At Calcutta, for example, the heavy rainfall began on the evening of the 22nd and ceased on the morning of the 23rd, about 12 hours before the centre of the low pressure area passed. The rainfall extended rapidly northwards and began in North Bengal, while the depression area was still in the south of the province.

Taking into consideration the fact that at the only high level station from which information is available, viz. Pedong, the heavy rainfall began and ended twenty-four hours before that at Darjeeling, and also the separation of the area of heavy rainfall from the depression shown in the lower atmospheric strata, it appears possible that the phenomenal character of the rainfall was due to a disturbance in the higher strata as to which there can, of course, be only surmise.

The rainfall which began on Saturday, the 23rd, was maintained during the 24th and part of the 25th in the Himalayas in consequence of the depression reaching the hilly region as a well defined depression of moderate depth and thereafter breaking up in the course of a few hours, an occurrence which is invariably attended by heavy rainfall, at times over a much wider area than that immediately under the influence of the cyclonic wind circulation.

At the beginning of the month the pressure distribution was normal over the Bay, but as there was a considerable defect inland, the gradient was steeper than usual at that season. A fairly strong monsoon was blowing across the Bengal coast with an easterly tendency, and though rainfall was fairly general, the only heavy falls occurred in East and North Bengal. Temperature variation from the normal varied from excess of 7° in the south of the Circars to defect of 3° in North Bengal. A steady moderate rise of pressure followed, the strength of the monsoon current diminished, and rainfall became light and scattered first in the west of the province, and after two or three days interval in the eastern districts. Fairly heavy general rainfall continued in East Bengal till the 5th and in North Bengal till the 7th, after which rainfall almost entirely ceased till the 10th, except in the extreme north of North Bengal.

During the early part of the month pressure was steadily above the normal over the province with general westerly winds. On the 9th a diffused low pressure area appeared over the north of the Bay, and led to a change of winds and indraught from the land across the Bengal coast, owing to which rainfall, as noted above, almost entirely ceased at inland stations.

The depression continued shallow, and moving westward crossed the coast of the Circars on the 11th, then moved north-westward, and on the 14th was shown as a shallow diffused low pressure area over the North-Western Provinces. Up to that time south-easterly winds prevailed over Bengal, and general, though usually light, rainfall prevailed over the province, except in Bihar.

After the 14th the shallow depression moved eastward into Bengal and gave heavy rain to the northern districts during its passage. The falls were heavy and general in the west of Bihar on the 15th, and rain continued fairly general in that region for about three days. The area of heavy rain followed the course of the depression eastward, the heaviest falls occurring in North Bengal on the 17th and 18th.

About that time weather was becoming unsettled in the south of the Bay, but was not apparent at the coast stations, except by the steeper gradient in Madras and Ceylon. The

depression moved northwards, but did not become well defined till the 21st, when lowest pressure was near the centre of the northern part of the Bay. Strong winds prevailed over the southern area, and on the 22nd the average velocity increased to 25 miles an hour at Diamond Island. The disturbance advanced slowly northward, and on the morning of the 23rd the centre was near Saugor Island with a depth, as compared with the normal, of about .25 inch.

During its approach heavy rain had fallen in South-West Bengal and the adjacent parts of Orissa and Chota Nagpur, Saugor Island, Balasore and Purulia, all receiving at least six inches within the previous 24 hours.

On the morning of the 24th the depression lay over North Bengal and the east of Bihar, and was of about the same depth as when at the head of the Bay. Cyclonic winds of moderate strength prevailed over the province, and very heavy rain fell to the north-west of the central area, notably at Bhagalpur, Banka, Araria, Forbesganj, Godda, Mohajama and Barkope, all of which received between 10 and 15 inches.

During the 24th the depression appears to have turned eastward, and moving in a north-easterly direction broke up on reaching the hills. That there was no definite depression during the heavy rainfall on the 25th in the lower ranges of the hills may be inferred from the pressure changes which occurred at Darjeeling. Pressure fell .05 inch on the 24th and rose .08 inch on the 28th, these changes being no larger than frequently occur under ordinary circumstances. The heavy rainfall probably extended some distance westward into Nepal, but eastward it fell off rapidly in amount.

At 8 A.M. on the 25th all signs of the disturbance had ceased, except that there was a faint cyclonic circulation of winds in North Bengal. Pressure had risen very rapidly over the province, and, being in excess of the normal, fine weather became general, and continued, practically without rainfall, till the end of the month.

Pressure changes were small throughout the month, except during the passage of the depression between the 23rd and 25th, when there was first a rapid fall, then a very rapid recovery, the rise in North Bengal between 8 A.M. of the 24th and the same hour of the 25th being .3 inch. On an average for the month pressure was above the normal by nearly .05 inch in the south-western districts and between .01 and .02 inch in other parts.

Temperature.—Temperatures were high during a great part of the month, except in the north-east. In Assam and the adjacent part of North Bengal there was considerable defect, greatest at Dhubri, where it was 2°.4. From the north-east excess increased towards the west and south-west, and was as much as 4° in part of Orissa and Chota Nagpur. Minimum temperature was practically normal over the whole province.

Mean excess was 2° in Orissa and Chota Nagpur, 1°.7 in South-West Bengal, 1° in Bihar, and about half a degree in East and North Bengal.

The following table gives a condensed summary of the rainfall statistics of the present year up to date for each meteorological division, the first nine columns giving the actual average falls in each division for each month expressed as a percentage of the normal, while the tenth column gives the actual rainfall of the first nine months as a percentage of the normal rainfall for that period:—

METEOROLOGICAL DIVISIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	Actual rainfall of first nine months of 1899 expressed as a percentage of the normal fall for the period.
South-West Bengal ...	290	52	17	135	116	122	154	85	92	113
North Bengal ...	270	49	112	93	85	127	123	133	119	119
East " ...	300	169	51	165	137	104	125	114	116	119
Bihar ...	224	56	17	283	101	143	167	127	102	136
Orissa ...	49	38	10	367	144	93	99	81	54	90
Chota Nagpur ...	164	24	Nil	255	85	154	110	54	57	90

Rainfall.—At the beginning of September the low pressure in the east of the province diverted the moist winds from the Bay in that direction, and general moderately heavy rain was of daily occurrence in East and North Bengal and the adjacent part of Assam. As pressure rose, the rainfall area contracted towards the east, and had practically ceased in East Bengal by the 7th, but continued in North Bengal till the 10th.

The rainfall during the remainder of the month was caused by the two disturbances referred to above. The first caused general showery weather, though not heavy rain, till it began to move eastward from the North-West Provinces about the 15th, after which for several days heavy falls were numerous in Bihar and North Bengal.

About the 19th the second disturbance began to cause indraught from the province towards the Bay with the consequent decrease of rainfall, but as it moved northwards heavy rain set in and preceded the storm over a tract of country of varying breadth extending from the north-west of the Bay northwards to Bhagalpur, after which it turned north-eastward across the Nepal Terai towards the Sikkim hills. The areas of heaviest rainfall were in Manbhum, Godda, Bhagalpur, and from the extreme north of Purnea, north-eastward. In these the falls were from 10 to 15 inches and in the hills from 15 inches upwards. Over the tract of varying breadth lying from south to north the falls varied between 5 and

10 inches, while to the east and west only light or moderate rain fell.

The total rainfall for the month was in defect except in the extreme east, where rainfall was fairly continuous throughout, and in the districts over which the storm of the 23rd to 25th passed. The areas of excess are in South-West Bengal, Manbhum, North Bengal, the west of Bihar, and part of East Bengal. The excess was small except in the northern districts, where it was generally between 5 and 10 inches, and in the Darjeeling Hills, where it was between 15 and 20 inches.

In Orissa and the west of Chota Nagpur there was a large defect, generally between 5 and 8 inches, and in the parts of the province other than those referred to above there was usually a small defect. On an average for the large divisions North Bengal received 2·5 inches in excess, East Bengal 1·7, and Bihar practically the normal amount. The defect in South-West Bengal was less than 1 inch, in Chota Nagpur 3·5 inches, and in Orissa nearly 5 inches.

The following table contains full data for the comparison of the actual and normal rainfall of the month of September in all districts of the province. The figures are derived from the average and actual rainfall of the rain-recording stations in each district, due allowance or weight being made for the area which each station represents. This gives a more accurate average than the arithmetical means given in the monthly meteorological tables. The first column gives the normal or average district rainfall as determined from the rainfall observations of the past 25 years; the second column gives the actual district rainfall as determined from the weighted actual rainfalls of the month at the reporting stations in each district; the third column expresses the ratio of the actual district fall of the past month to the normal rainfall as a percentage; and the fourth column states as a percentage how much the district rainfall for the month varied from the normal:—

*Percentage Table for September 1899.*

Division.	District.	Normal district rainfall for September.	Actual district rainfall for September 1899.	Percentage of actual to normal rainfall.	Percentage, excess (+), defect (-).
South-West Bengal	Burdwan	7·62	6·63	87	- 13
	Birbhum	10·18	7·22	71	- 29
	Bankura	8·61	6·45	76	- 24
	Midnapore	8·61	11·47	135	+ 35
	Hooghly	8·06	8·11	101	+ 1
	Howrah	8·06	9·78	121	+ 21
	24 Parganas	8·94	9·89	106	+ 6
	Calcutta	9·33	8·94	96	- 4
	Nadia	8·16	4·29	63	- 47
	Murshidabad	9·82	9·77	99	- 1
	Jessore	7·81	7·75	99	- 1
	Khulna	8·86	6·02	68	- 33
	Rajshahi	10·58	7·65	72	- 28
	Dinajpur	11·39	23·54	207	+ 107
North Bengal	Jalpaiguri	21·71	20·79	96	- 4
	Darjeeling	16·67	27·81	177	+ 77
	Cooch Behar	19·69	22·78	116	+ 16
	Rangpur	18·45	21·88	168	+ 68
	Bogra	10·92	12·25	112	+ 12
	Pabna	9·34	6·79	73	- 27
	Dacca	8·84	7·17	81	- 19
	Mymensingh	12·97	14·93	121	+ 21
East Bengal	Faridpur	8·16	7·79	96	- 5
	Backergunge	10·91	9·49	87	- 13
	Tippura	10·00	11·90	119	+ 19
	Noakhali	14·82	17·65	119	+ 19
	Chittagong	13·18	14·37	109	+ 9
	Chittagong Hills Tracts	11·60	13·10	114	+ 14
	Patna	7·01	6·69	84	- 66
	Gaya	6·69	3·01	45	- 55
Bihar	Shahabad	6·89	4·08	59	- 41
	Saran	7·55	6·17	82	- 18
	Champaran	9·81	6·72	69	- 31
	Muzaffarpur	7·97	5·61	70	- 30
	Darbhanga	9·58	7·00	73	- 27
	Monghyr	7·91	8·33	106	+ 6
	Bhagalpur	9·18	17·10	186	+ 86
	Purnea	13·28	19·54	147	+ 47
	Malda	11·04	7·76	70	- 30
	Sonthal Parganas	9·48	11·02	116	+ 16
Orissa	Cuttack	10·21	5·28	52	- 48
	Balasore	11·37	8·93	79	- 21
	Puri	10·67	4·36	41	- 59
	Hazaribagh	8·65	2·27	26	- 74
Chota Nagpur	Ranchi	9·37	1·78	19	- 81
	Palamanu	7·81	1·12	14	- 86
	Manbhum	7·74	11·32	146	+ 46
	Singbhum	7·81	4·09	53	- 48

SUPPLEMENT TO THE CALCUTTA GAZETTE, OCTOBER 18, 1899. 1817

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the month of September 1899:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.			Rainy days.			Since 10th May 1899.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.	Average.	Normal average.
South-West Bengal	98°8	71°9	81°3	78°3	85°0	+1·7	7°90	8°62	-0°72	8°12	11°72	-3°60	63°89	46°38
North Bengal	98°9	73°1	83°1	77°7	83°9	+0°0	13°88	13°41	+3°47	14°37	13°20	+3°17	63°92	67°75
East "	95°1	70°8	83°0	77°6	82°8	+0°4	12°41	10°69	+1°72	14°36	13°62	+1°72	61°13	66°34
Bihar	90°4	60°6	90°2	78°0	84°4	+1°0	8°74	8°59	+0°15	6°73	8°53	-2°80	53°67	43°32
Orissa	97°9	73°3	91°3	78°8	85°1	+1°9	5°82	10°72	-4°90	7°90	12°79	-4°89	38°96	46°67
Chota Nagpur*	95°9	67°9	83°9	73°5	81°2	+2°1	4°60	8°12	-3°52	4°61	11°03	-6°42	40°69	45°24
Assam	97°6	72°0	83°7	76°4	81°6	-0°8								

\* Daltonganj and Purulia are not included.

METEOROLOGICAL OFFICE, BENGAL,  
The 17th October 1899.

C. LITTLE,  
Meteorological Reporter to the Govt. of Bengal.



SUPPLEMENT TO THE CALCUTTA GAZETTE, OCTOBER 18, 1899. 1819

DESCRIPTION OF GOODS.	QUANTITY.		RECEIPTS.		QUANTITY.		RECEIPTS.		
	1st half of—				Increase.	Decrease.	Increase.	Decrease.	
	1898.	1899.	1898.	1899.					
XX.—Salt			Tons.	Rs.	Rs.				
			980	000	537				
XXI.—Saltpetre, &c.—									
1. Saltpetre			1	000	0				
2. Other saline substances									
XXII.—Silk, raw—									
1. Foreign									
2. Indian									
XXIII.—Silk, piece-goods—									
1. Foreign									
2. Indian									
XXIV.—Spices—									
1. Betel-nuts			30	000	57				
2. Pepper			3	000	7				
3. Ginger									
4. Chillies			2	000	14				
5. Cardamoms									
6. Others			27	000	34				
XXV.—Stone and lime			187	000	115				
XXVI.—Sugar—									
1. Refined or crystallised including sugar-candy.			77	000	45				
2. Unrefined, viz., molasses and jaggree or gur and other saccharine produce.									
XXVII.—Tea—									
1. Foreign									
2. Indian									
XXVIII.—Timber—									
1. Logs, &c.			246	000	99				
2. Poles									
XXIX.—Tobacco—									
1. Unmanufactured			116	000	140				
2. Manufactured—									
(a) Cigars			1	000	0				
(b) Other sorts									
XXX.—Wool, raw									
XXXI.—Wool, manufactured—									
1. Piece-goods, {European									
2. } Indian			1	000	0				
3. Shawls									
XXXII.—All other articles of merchandise—									
1. Indigo seed			4	000	6				
2. Firwood									
3. Others not specified above			487	000	445				
Total			5,674	000	4,199				

GORAKHPUR, the 11th October 1899.

A. H. MIDDLETON,  
Auditor of Accounts.



## Weekly Return of Traffic Receipts on Indian Railways.

## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BIHAR SECTIONS.)

Approximate Return of Traffic and Mileage for the week ended 7th October 1899 on 834 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	801,870	1,60,380 0 0	12,36,640 0	2,84,270 0 0	16,040 0 0	4,06,690 0 0	36,430	51,440	87,870
Or per mile of railway ...	242	128 0 0	1,433 0	341 0 0	1 0 0	470 0 0†	...	...	...
For previous 13 weeks of half-year* ...	2,697,618	11,80,947 0 0	1,23,85,101 0	26,93,966 0 0	3,10,702 0 0	40,95,615 0 0	408,984	519,155	928,139
Total for 14 weeks ...	2,799,488	12,07,327 0 0	1,41,21,741 0	29,78,236 0 0	2,26,742 0 0	45,02,305 0 0	408,384	570,604	1,000,000
COMPARISON.									
Total for corresponding week of previous year ...	193,943	60,995 0 0	14,09,430 0	3,25,403 0 0	15,010 0 0	4,25,607 0 0	30,792	49,701	80,493
Per mile of railway corresponding week of previous year ...	230	106 0 0	1,633 0	398 0 0	2 0 0	508 0 0	...	...	...
Total to corresponding date of previous year ...	2,565,100	10,85,408 0 0	1,31,92,796 0	25,48,602 0 0	2,22,632 0 0	38,56,800 0 0	4,70,771	598,122	1,000,000

\* Audited up to 12th August 1899.

† Excluding steamer earnings.

## DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 7th October 1899 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	27,280	10,180 0 0	69,430 0	8,400 0 0	460 0 0	17,040 0 0	2,400	2,024	4,424
Or per mile of railway ...	317	118 0 0	779 0	75 0 0	5 0 0	196 0 0	...	...	...
For previous 13 weeks of half-year* ...	3,20,060	95,902 0 0	3,86,910 0	30,240 0 0	1,731 0 0	1,37,982 0 0	33,658	18,512	52,170
Total for 14 weeks ...	3,63,340	1,06,142 0 0	4,53,349 0	30,699 0 0	2,191 0 0	1,45,022 0 0	36,148	20,836	56,984
COMPARISON.									
Total for corresponding week of previous year ...	24,455	7,470 0 0	61,735 0	5,692 0 0	105 0 0	13,307 0 0	2,020	2,152	4,172
Per mile of railway corresponding week of previous year ...	285	87 0 0	718 0	66 0 0	1 0 0	154 0 0	...	...	...
Total to corresponding date of previous year ...	3,22,167	95,639 0 0	3,76,092 0	31,214 0 0	3,015 0 0	1,29,968 0 0	34,138	29,374	63,512

\* Audited up to 12th August 1899.

## MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 7th October 1899 on 33 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	4,010	1,020 0 0	9,100 0	410 0 0	90 0 0	1,450 0 0	315	1,230	1,545
Or per mile of railway ...	140	31 0 0	278 0	12 0 0	1 0 0	44 0 0	...	...	...
For previous 13 weeks of half-year† ...	43,235	9,783 0 0	20,333 0	3,260 0 0	46 0 0	13,089 0 0	4,948	12,490	17,438
Total for 14 weeks ...	47,866	10,803 0 0	48,433 0	3,670 0 0	66 0 0	14,539 0 0	5,263	13,680	18,943
COMPARISON.									
Total for corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Per mile of railway corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year ...	...	...	...	...	...	...	...	...	...

\* Includes ballast train-miles 630.

† Audited up to 12th August 1899.

## BRAHMAPUTRA-SULTANPUR RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 7th October 1899 on 24.75 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,030	490 0 0	5,640 0	320 0 0	110 0 0	920 0 0	250	376	626†
per mile of railway ...	67	20 0 0	228	13 0 0	4 0 0	37 0 0	...	...	...
For previous 13 weeks of half-year ...	18,763	5,754 0 0	95,740 0	6,508 0 0	727 0 0	12,980 0 0	2,595	9,594	12,189
Total for 14 weeks ...	20,413	6,244 0 0	101,380 0	6,828 0 0	837 0 0	13,900 0 0	2,845	9,970	12,815
COMPARISON.									
Total for corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
per mile of railway corresponding week of previous year ...	...	...	...	...	...	...	...	...	...
Total to corresponding date of previous year ...	...	...	...	...	...	...	...	...	...

\* Audited up to 12th August 1899.  
† Includes ballast train-miles 276.

## COOCH BEHAR STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 7th October 1899 on 33.13 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,300	980 0 0	9,940 0	750 0 0	80 0 0	1,810 0 0	195	815	1,010*
per mile of railway ...	72	30 0 0	297 0	23 0 0	...	(s) 55 0 0	...	...	...
For previous 13 weeks of half-year ...	23,143	8,081 0 0	82,008 0	8,051 0 0	903 0 0	17,005 0 0	4,316	11,542	15,860
Total for 14 weeks ...	25,533	9,061 0 0	92,448 0	8,831 0 0	983 0 0	18,975 0 0	4,513	12,357	16,870
COMPARISON.									
Total for corresponding week of previous year ...	1,831	413 0 0	3,427 0	263 0 0	...	869 0 0	131	501	632
per mile of railway corresponding week of previous year ...	55	19 0 0	155 0	16 0 0	...	55 0 0	...	...	...
Total to corresponding date of previous year ...	16,470	5,691 0 0	52,905 0	5,130 0 0	1,392 0 0	12,913 0 0	3,034	7,947	10,931

(s) Excluding Coaching ferry.  
\* Includes ballast train-miles 230.  
† Audited up to 12th August 1899.

## EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., DACCA, K.-D., AND ASSAM-BEHAR SECTIONS.)

Audited Return of Traffic and Mileage for the week ended 19th August 1899 on 834 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	180,149	75,790 6 4	10,50,655 0	2,03,233 0 0	11,701 5 2	2,93,774 4 0	35,351	30,937	74,988
per mile of railway ...	216	91 0 0	1,260 0	247 0 0	1 0 0*	350 0 0	...	...	...
For previous 6 weeks of half-year ...	1,257,798†	5,55,686 5 11	47,54,551 0	8,10,726 0 11	71,023 1 1	14,37,034 7 11	2,15,506	2,08,530	4,24,036
Total for 7 weeks ...	1,437,947	6,31,076 13 3	58,05,206 0	10,17,008 0 11	82,723 6 3	17,31,408 13 5	2,50,857	2,18,176	4,69,033
COMPARISON.									
Total for corresponding week of previous year ...	167,988	65,703 0 0	8,28,193 0	1,76,496 0 0	8,391 0 0	3,50,980 0 0	33,004	37,181	70,785
per mile of railway corresponding week of previous year ...	205	80 0 0	1,013 0	210 0 0	1 0 0	297 0 0	...	...	...
Total to corresponding date of previous year ...	1,344,503	5,62,434 0 0	65,33,423 0	9,65,478 0 0	89,001 0 0	16,01,003 0 0	2,45,547	2,39,716	4,85,263

\* Excluding Steamer earnings.

## MYMENSINGH-JAGANNATHGANJ RAILWAY.

*Audited Return of Traffic and Mileage for week ended 19th August 1899 on 33 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	8,001	698 14 11	1,803 0	187 6 0	1 10 0	837 13 11	730	730	1,460
Or per mile of railway ...	91	21 0 0	55 0	4 0 0	.....	25 0 0	.....	.....	.....
For previous 6 weeks of half-year ...	17,796	4,831 4 4	6,603 0	470 5 8	27 2 0	4,738 11 10	2,637	3,781	6,008
Total for 7 weeks ...	20,700	4,830 3 3	5,496 0	607 9 6	28 12 0	5,506 8 9	3,807	4,441	8,648
COMPARISON.									
Total for corresponding week of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Per mile of corresponding week of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....

## BRAHMAPUTRA-SULTANPUR RAILWAY.

*Audited Return of Traffic and Mileage for the week ended 19th August 1899 on 24.75 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, including ferry.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,805½	410 3 6	14,383 0	411 12 0	7 1 0	420 1 6	267	508	793
Or per mile of railway ...	53	17 0 0	582 0	17 0 0	.....	34 0 0	.....	.....	.....
For previous 6 weeks of half-year ...	9,618	2,754 0 9	22,600 0	1,416 0 0	43 15 0	4,219 5 9	1,222	5,687	6,909
Total for 7 weeks ...	10,918½	3,164 10 3	43,002 0	1,837 13 0	50 0 0	5,046 7 3	1,509	6,193	7,702
COMPARISON.									
Total for corresponding week of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Per mile of railway corresponding week of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total to corresponding date of previous year ...	.....	.....	.....	.....	.....	.....	.....	.....	.....

## COOCH BEHAR STATE RAILWAY.

*Audited Return of Traffic and Mileage for the week ended 19th August 1899 on 33.73 miles open.*

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings, (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	Rs.	Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,589	617 4 3	6,513 0	514 8 0	36 15 6	1,235 11 9	445	997	1,342
Or per mile of railway ...	47	19 0 0	202 0	15 0 0	.....	34 0 0*	.....	.....	.....
For previous 6 weeks of half-year ...	11,585½	3,630 1 0	21,286 0	2,030 9 0	633 9 7	7,344 3 7	2,133	5,186	7,319
Total for 7 weeks ...	12,965½	4,307 5 3	38,006 0	2,535 1 0	727 9 1	8,690 15 4	2,627	6,103	8,730
COMPARISON.									
Total for corresponding week of previous year ...	1,130	269 0 0	6,910 0	300 0 0	96 0 0	964 0 0	164	608	766
Per mile of railway corresponding week of previous year ...	51	17 0 0	215 0	18 0 0	.....	25 0 0	.....	.....	.....
Total to corresponding date of previous year ...	6,768	2,000 0 0	22,063 0	2,018 0 0	751 0 0	5,776 0 0	1,108	4,668	5,776

\* Excluding ferry earnings.

## BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 7th October 1899 on 1,085 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week on 1,085 miles open ...	131,440	Rs. (a)51,570	Mds. 7,01,130	Rs. (b)90,100	16,850	1,68,020	21,719	(c)25,243	46,962
Or per mile of railway ...	121'18	47'53	646'20	83'04	15'07	145'64	.....	.....	.....
For previous 13 weeks of half-year (d) ...	1,720,220	6,37,132	73,45,338	8,07,140	1,93,808	10,98,130	3,47,460	3,39,316	686,776
Total for 14 weeks ...	1,851,709	6,88,763	79,46,468	8,97,240	2,10,168	18,66,160	3,69,179	3,64,532	733,738
COMPARISON.									
Total for corresponding week of previous year on 925 miles open	105,262	33,441	2,54,291	28,071	6,616	68,125	21,055	(e)14,600	35,655
Per mile of railway corresponding week of previous year ...	113'40	36'15	274'91	30'35	7'15	73'65	.....	.....	.....
Total to corresponding date of previous year ...	1,519,930	5,45,331	56,12,571	6,82,432	1,72,263	14,00,036	3,07,968	3,08,843	614,811

(a) Increase is due to increased mileage.

(b) The increase is due to the traffic last year being abnormally low owing to breaches in the line on the Tirhut Section.

(c) Includes 4,046 miles of ballast trains run on open line.

(d) .. audited figures up to week ending 29th July 1899.

(e) .. 2,944 miles of ballast trains run on open line.

## ASSAM-BENGAL RAILWAY.

Approximate Return of Traffic for the week ended 30th September 1899 on 396 miles open for all descriptions of Traffic and an additional 28 miles for goods and parcels traffic only.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	25,147	Rs. A. P. 14,220 0 0	Mds. s. 2,38,270 0	Rs. A. P. 16,253 0 0	Rs. A. P. 2,073 0 0	Rs. A. P. 32,546 0 0	3,360	8,751	12,011
Or per mile of railway ...	63'50	35'91	561'96	38'33	4'89	79'13	8'23	20'64	28'87
For previous 13 weeks of half-year ...	253,503	1,46,503 0 0	19,01,136 0	1,50,452 0 0	7,307 0 0	3,04,252 0 0	41,778	90,919	131,900
Total for 13 weeks ...	278,640	1,60,723 0 0	31,39,406 0	1,66,705 0 0	9,370 0 0	3,36,798 0 0	43,033	98,963	144,001
COMPARISON.									
Total for corresponding week of previous year ...	19,308	10,350 0 0	2,39,804 0	12,347 0 0	360 0 0	32,967 0 0	2,451	4,690	7,230
Per mile of railway corresponding week of previous year ...	67'99	26'34	518'44	41'80	1'02	79'16	8'98	16'04	24'93
Total to corresponding date of previous year ...	328,143	1,26,200 0 0	33,93,427 0	1,60,963 0 0	8,900 0 0	2,86,132 0 0	38,077	65,305	101,283

\* Includes audited figures for week ended 10th August 1899.

## FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

RECEIPTS FOR WEEK ENDING 30TH SEPTEMBER 1899.			RECEIPTS FOR WEEK ENDING 1ST OCTOBER 1899.			TOTAL RECEIPTS FROM 1ST APRIL 1899 TO 30TH SEPTEMBER 1899.			TOTAL RECEIPTS FROM 1ST APRIL 1899 TO 1ST OCTOBER 1898.			Total increase in 1899.	Total decrease in 1899.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked per week.	Mean mileage worked.	Total receipts.	Per mile worked per week.		
424	Rs. 32,546	79'13	293	Rs. 32,967	79'10	424	Rs. 7,18,717	.....	293	Rs. 6,25,078	.....	Rs. 93,639	.....



# SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, OCTOBER 25, 1899.

## OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.]

### CONTENTS.

	Page.		Page.
GOVERNMENT Resolution on the Triennial Report on the Administration of the Registration Department in Bengal for the years 1896-97, 1897-98 and 1898-99 ...	1825	RESULTS of the Meteorological Observations taken at the Alipore Observatory from 15th to 21st October 1899 ...	1844
Weather and Crop Report for the week ending 23rd October 1899 ...	1833	Abstract statement showing Tollage on Canals in Bengal classed as Major and Minor works for the month of August 1899 ...	1843
Prices-current (retail) of Food grains and salt in the head-quarters station bazars of the districts of Bengal during the fortnight ending the 15th October 1899 ...	1837	Circular and Eastern Canals for the week ending Saturday, the 7th to 21st October 1899 ...	1847
		Weekly return of Traffic Receipts on Indian Railways ...	1848

### GOVERNMENT RESOLUTION ON THE TRIENNIAL REPORT ON THE ADMINISTRATION OF THE REGISTRATION DEPARTMENT IN BENGAL FOR THE YEARS 1896-97, 1897-98 AND 1898-99.

No. 622P.—D.

#### RESOLUTION.

##### REGISTRATION.

*Dated Darjeeling, the 20th October 1899.*

#### READ—

The Triennial Report on the Administration of the Registration Department for the years 1896-97, 1897-98, and 1898-99.

#### Read also—

The Triennial Report on the Administration of the Registration Department for the years 1893-94, 1894-95, and 1895-96, and the Resolution of Government recorded thereon.

Read also the Statistical Returns for the years 1896-97 and 1897-98 with the remarks thereon.

MAULVI DILAWAR HUSSEIN, KHAN BAHADUR, held charge of the department throughout the triennial period, and has submitted the present report, which reached Government on the prescribed date.

2. The following table shows the total number of registrations, the number of offices open, and the financial results of the working of the department for the last four triennial periods. For the last period the figures are also given for the several years:—

YEAR.	NUMBER OF REGISTRATIONS—				Total receipts.	Total expenditure.	Surplus.	Number of registration offices.	Average receipts.	Average expenditure.
	Affecting immovable property.		Other registrations.	Total.						
	Compulsory.	Optional.								
1	2	3	4	5	6	7	8	9	10	11
1887-88 to 1889-90	1,625,043	355,125	413,806	2,395,068	Rs. 33,14,255	Rs. 18,05,976	Rs. 15,08,279	904	Rs.	Rs.
1890-91 to 1892-93	1,991,694	529,451	460,551	2,988,100	40,09,758	20,44,834	19,69,424	233	.....	.....
1893-94 to 1895-96	2,327,672	691,071	608,193	3,616,936	40,84,100	23,01,018	16,52,182	307	.....	.....
1896-97	865,587	261,755	184,813	1,312,155	15,46,775	8,55,244	6,93,531	408	3,791	2,091
1897-98	930,508	316,202	192,264	1,437,904	15,77,900	9,08,097	6,69,803	429	3,730	2,149
1898-99	875,571	276,876	165,975	1,318,422	14,69,534	8,08,459	6,71,075	428	3,433	2,090
Total 1896-97 to 1898-99	2,670,666	853,831	544,042	4,068,539	45,94,275	26,60,700	19,33,575	.....	.....	.....

There is a steady progress in registration in Bengal, closely corresponding, as was to be expected, to the increase in the sale of non-judicial stamps, which was discussed in a recent Resolution. The total number of deeds registered during the period under review is larger than that in any of the three preceding triennial periods. The increase is equally noticeable in the case of deeds of which the registration is compulsory, and of those which it is at the option of the parties to register or not, and it is not confined to deeds relating to immovable property, but extends to other classes of documents. A marked feature of the period is a rapid increase of registration in Orissa. The increase for the whole triennial period as compared with that preceding is in that tract 33 per cent., and in 1898-99 compared with 1895-96 it was no less than 72 per cent. The Inspector-General asserts that the recent settlement operations in the Division have left the impression that occupancy tenancies are transferable, and that many transfers have in consequence been made. Whatever the impression, there is no question as to the fact of the sudden and large expansion of transfers in Orissa. It appears from Statement XIII of the Inspector-General's report that the great bulk of these transfers is from one raiyat to another, but in Puri the sales to the money-lending classes are now ominously frequent, and enquiries will be made through the Board of Revenue. The total receipts of the triennial periods show a steady advance in the income of the department, although the surplus left after meeting the expenditure fluctuates. The largest surplus was that obtained for the triennium 1890-91 to 1892-93, which amounted to Rs. 19,69,424. The next period showed a considerable decrease, and it was explained in the last triennial Resolution that this was attributable to the orders of 1893, under which the minimum *ad valorem* registration fee was reduced from twelve to eight annas. The immediate effect of the reduction has since been counterbalanced by an increase in the number of deeds, and the surplus for the period which expired with the last financial year was Rs. 19,33,575, nearly reaching the high figure mentioned above. Expenditure nearly keeps pace with the increase in receipts, but 83 per cent. of the charges consist of the commission fees and fixed salaries, which are regulated by rule; the cost of establishment is moderate, and the Lieutenant-Governor finds no reason to suppose that there is any want of economy in the working of the department. During this period registrations were most numerous in 1897-98, when the prevalence of famine and distress in many districts, especially those of Bihar, caused larger recourse to sales, mortgages and borrowing on money-bonds. Good crops and the consequent return of prosperity led to a decline in registration during the past year 1898-99, but the



total number of documents was nevertheless higher than in 1896-97, which also included some months of distress, and evidence is thus afforded of the tendency on the part of the people to avail themselves more and more of registration. In the recent Resolution on the Administration of the Stamp Department, notice was taken of the marked fall in the sale of documentary stamps in 1898-99 as evidence of the rapid recovery of the people from the effects of famine. There is similar evidence in the registration returns, but on the stamps side the high water-mark was reached in 1896-97; on the registration side it was not reached till 1897-98. Registration is of course a later stage in a transaction than the execution of the deed which embodies it; but it is not unimportant that registration is not always so immediate as was to be expected.

This is the fourth triennial report on the working of the department submitted to Government. It will be convenient if, in preparing such reports in future, the Inspector-General of Registration will base his remarks and comparisons more on the figures and results of the triennial period rather than on those of the single year which has just elapsed, the latter being noticed also where they call for comment.

3. *Compulsory registrations affecting immoveable property.*—The following statement furnishes the figures for deeds affecting immoveable property, the registration of which is compulsory, for the four last triennial periods:—

YEAR.	Instrument of gift.	DEEDS OF SALE OR EXCHANGE—			Instruments of mortgage of the value of Rs. 100 and upwards.	Other instruments.	Instruments of perpetual lease.	All instruments of lease other than perpetual.	Total of compulsory registrations.
		Of the value of Rs. 100 and upwards.	Of the value of less than Rs. 100.	Total.					
1	2	3	4	5	6	7	8	9	10
1897-98 to 1899-90 ...	14,556	165,021	387,711	552,402	208,980	28,308	217,302	602,434	1,625,043
1899-91 to 1899-93 ...	19,380	214,106	611,805	735,970	281,353	33,443	262,764	669,108	1,601,099
1899-94 to 1899-96 ...	25,376	307,911	615,216	882,427	356,746	36,902	266,013	737,119	2,327,672
1896-97 ...	9,302	103,911	231,056	334,967	130,706	13,428	93,468	281,596	865,597
1897-98 ...	9,800	116,342	250,336	375,718	130,300	16,302	92,243	286,211	922,508
1898-99 ...	19,042	111,492	239,812	551,304	138,353	15,200	86,778	273,596	875,571
Total 1896-97 to 1898-99	29,324	331,785	730,198	1,061,983	419,464	45,070	273,519	841,403	2,670,008

The large increase in deeds of gift presented for registration was noticed in the Government Resolution of 1896. The period under review shows a further considerable increase, the total number of such deeds for the last triennial period being 29,324, as compared with 25,376 in the period preceding. The districts showing the largest number of these deeds relating to immoveable property are Midnapore, Dacca, Tippera, and Mymensingh. The three last districts have a large Muhammadan population, whose power of disposing of property by will is restricted by their law, and the Inspector-General believes that there is a growing tendency to meet this disability by the device of transferring property by gift in old age or failing health. Gifts of property are also frequently made to wives for the marriage dower, or by persons starting on a distant pilgrimage. Generally deeds of gift are more numerous in the districts of Bengal Proper than in Bihar and Orissa.

The total number of deeds of sale of immoveable property registered during the triennial period was 1,061,983, as compared with 882,427 in the preceding period, the increase being observed in deeds of both under and over Rs. 100 in value. The highest figure was reached in 1897-98, and a considerable fall occurred in the past year, a season of plenty having succeeded two years of pressure. Out of the total of 1,061,983 deeds of sale registered during the last triennial period, no less than 736,033 related to raiyati holdings, 166,341 of which were held at fixed rates, and the remainder with the right of

occupancy. The subjoined statement shows the large rise in registration of deeds of this class :—

YEAR.	RAIYATI HOLDINGS AT FIXED RATES.						RAIYATI HOLDINGS WITH RIGHT OF OCCUPANCY.					
	Number of transactions.	PURCHASERS.					Number of transactions.	PURCHASERS.				
		Mahajans, traders and money-lenders.	Zamindars.		Raiyats.	Others.		Mahajans, traders or money-lenders.	Zamindars.		Raiyats.	Others.
			Landlords of hold-ings transferred.	Other landlords.					Landlords of hold-ings transferred.	Other landlords.		
1	2	3	4	5	6	7	8	9	10	11	12	13
1887-88 to 1889-90	98,775	14'38	3'27	7'73	61'58	23'14	200,022	12'44	2'11	6'25	67'02	12'18
1890-91 to 1892-93	117,356	15'25	3'16	8'76	61'21	21'03	313,945	12'01	2'72	6'25	68'05	10'39
1893-94 to 1895-96	143,375	13'24	1'09	12'20	60'91	21'66	427,160	11'30	1'72	6'30	70'11	10'67
1896-97	54,108	14'36	3'38	12'04	59'51	21'71	171,963	9'94	1'94	5'50	71'51	10'73
1897-98	59,870	13'26	1'53	11'29	54'41	19'51	305,192	10'66	2'32	5'56	70'53	10'64
1898-99	52,363	12'76	2'01	10'34	51'37	23'32	184,537	9'76	2'24	7'04	69'01	11'55
Total 1886-87 to 1898-99	106,341	13'45	1'96	11'23	52'36	21'11	509,692	10'13	2'17	6'34	70'26	11'10

The figures, the Lieutenant-Governor is glad to see, indicate no increase in the percentage of those holdings which pass into the hands of money-lenders, the transactions being chiefly and increasingly between raiyats. The Inspector-General should have quoted the High Court rulings to which he alludes as affecting transfers of holdings in Champaran and Dacca. It is understood that he refers, in one case, to the decision of the High Court of 1897, reported in the Calcutta Series, volume XXIV, page 355, in the case of Bhiran Ali Shaik Shikdar (defendant) *versus* Gopi Kant Shaha (plaintiff), in which it was ruled that, in the absence of local usage or custom to the contrary, occupancy holdings are not saleable otherwise than at the instance of the landlord seeking satisfaction for a decree for arrears of rent. Enquiry will be made in the Revenue Department in regard to the practice which is said to have sprung up in Champaran under which the landlord requires the tenant who desires to transfer to formally surrender the land, and takes a fee (*salami*) or enhanced rent from the incoming tenant. It may be noted that land so surrendered does not, as stated, become *zerat* or proprietor's land, but remains raiyati land. Instruments of mortgage are only subject to compulsory registration where immoveable property of a value of Rs. 100 or upwards is hypothecated. The number of such deeds for the period under review was 419,464, compared with 356,745 for the preceding triennial period. The year 1897-98, for the reason already mentioned, shows the largest figure yet attained under this head, the next highest being that for the last year of the triennial period. Most districts share the falling off in numbers in this year, compared with that preceding. Among the exceptions are Mymensingh and Tippera. In the former, it is explained that transfers of occupancy rights having been declared to be void unless sanctioned by custom, mortgages have taken their place. In Tippera it is remarked that money-lenders are now less willing than formerly to advance funds on a simple bond, and require the security afforded by a mortgage. If, in Tippera, the mortgage of occupancy rights is valid at all, this change of practice will be beneficial by bringing the raiyat face to face with the dangers of debt to his tenure. The interesting information which the Inspector-General gives will be brought to the special notice of the Board of Revenue.

The bulk of the remaining transactions under this head consists of leases, of which the total for the period was 1,113,922, as compared with 1,003,132 in the preceding triennial period. The increase has occurred in both perpetual and term leases. Perpetual leases are most numerous in the littoral or other districts of Bengal traversed by large rivers, where large alluvial areas are settled or resettled, and tenants require the inducement of a permanent tenancy to undertake the expense of clearing the land. The average area of land taken on the term leases is comparatively small, the annual rental being Rs. 25 or under in no less than 76·4 per cent. of the total number.

The proportion of lettings in which *pattas* are given to the lessee as evidence of the terms of his holding has somewhat decreased in the period under review, as compared with the triennial period preceding. The reluctance of zamindars to grant *pattas* to the tenants executing *kabuliyats* for their holdings has been commented on in past reports and resolutions. The Inspector-General ascribes it correctly to disinclination on account of the expense and inconvenience involved, to an idea among the bigger zamindars especially that their dignity would suffer, and to an apprehension that *pattas* would assist the tenants in establishing occupancy rights. Where settlements are made under Chapter X of the Tenancy Act, the need for *pattas* and *kabuliyats* disappears, their place being taken by entries in the settlement records. It is nowhere usual to grant *pattas* for leases of raiyati holdings, except when the area is large or the tenancy is of some special kind.

4. *Optional Registration affecting immoveable property.*—The following statement shows the numbers of deeds affecting immoveable property presented for registration during the last four triennial periods of which the registration was optional:—

YEAR.	Instruments of sale or exchange of value less than Rs. 100.	Instruments of mortgage of value less than Rs. 100.	Instruments of lease for one year or less.	Awards (section 17, clause 2).	Other instruments registered under section 18, clauses (a) and (b).	Miscellaneous documents other than certified copies of decrees and orders of Courts.	Certified copies of decrees and orders of Courts.	Total of optional registrations relating to immoveable property.
1	2	3	4	5	6	7	8	9
1887-88 to 1889-90	1,808	300,815	23,073	40	12,278	8,375	167	355,195
1890-91 to 1892-93	3,479	471,231	30,306	135	14,388	10,191	165	629,851
1893-94 to 1895-96	4,295	602,789	42,604	126	19,037	11,976	144	691,071
1896-97	1,643	230,914	15,048	31	8,767	4,734	81	261,763
1897-98	1,841	282,704	17,802	40	8,863	4,937	25	310,902
1898-99	1,408	343,063	17,726	39	8,631	4,391	30	375,876
Total 1896-97 to 1898-99	4,897	757,270	51,176	109	26,261	14,052	86	863,631

The most numerous class of deeds under this head is that of instruments of mortgage of value less than Rs. 100. The increase in the number of such registrations is very marked, the total of 757,270 reached in the last period being more than double that attained in the first of the four periods. The largest total during the last three years is that for 1897-98, and this was to be expected. The large figure for 1898-99 shows, however, that the increase in the preceding year was not entirely attributable to the famine. The recognition by the people of the advantage which registration confers probably accounts for the increasing number of these documents presented for registration, and the same explanation may be offered for the increase under the head of leases for one year or less and miscellaneous documents.

5. *Registrations not affecting immoveable property.*—The following statement furnishes figures for the last four triennial periods. Corresponding figures are also given for wills and authorities to adopt:—

YEAR.	REGISTRATIONS AFFECTING MOVEABLE PROPERTY.					Number of wills (section 18, clause e) registered in book III.	Written authorities to adopt other than those conferred by will, book III.
	Compulsory.	Optional.					
	Instruments of gift of moveable property.	Instruments of sale, &c., of moveable property.	Obligations for the payment of money (section 18, clause f).	All other documents registered under section 18, clause f.	Total of registrations in book IV affecting moveable property.		
1	2	3	4	5	6	7	8
1887-88 to 1889-90	886	13,424	281,040	112,491	407,760		
1890-91 to 1892-93	1,174	14,066	304,678	139,464	460,001	6,041	96
1893-94 to 1895-96	1,653	17,598	330,460	180,856	500,894	6,469	91
						7,237	69
1896-97	637	6,402	190,063	85,180	182,427	2,367	19
1897-98	603	7,183	188,628	83,678	189,960	2,345	20
1898-99	603	6,247	108,300	82,031	164,771	2,191	13
Total 1896-97 to 1897-98	1,899	19,923	368,890	161,463	537,167	6,663	32

The only class of deeds under this head of which registration is compulsory is that of instruments of gift, the obligation to register being imposed in

their case by the Transfer of Property Act. The number of such deeds shows an increase in the last triennial period, but some falling off in the past two years. It is remarkable that out of the 603 deeds registered during the past year, 310 were presented in the Dacca district. The majority of these related to gifts of jewels by Muhammadans to their wives at marriage.

The bulk of the documents under this head consists of obligations for the payment of money. The increase is steady, the fall in the past year being the natural consequence of agricultural prosperity. It is reported, however, that in some districts deeds of this kind are now less resorted to than formerly, and that security is now more generally required for loans. The very marked increase noted above in optional registrations of mortgages of small value is probably in some measure due to the substitution of that class of deed for the simple bond without security.

The number of wills presented for registration shows a tendency to decline, as is also the case with authorities to adopt. The number of wills deposited in sealed covers remains small. It has been found that of the wills deposited in this manner many lie unopened long after the death of the testator, whose wishes may thus remain unfulfilled. The question whether action should be taken to bring the existence of such wills to the notice of the persons presumably interested or whether the wills should be opened if they are not claimed, has been considered, and the Government of India have decided that it must be left to testators to make their own arrangements to cause effect to be given to wills thus deposited. There are obvious objections to any interference on the part of the Government in the matter.

6. *Inspections.*—The total number of inspections made during the year 1898-99 was 1,423, and this shows some improvement over the corresponding figure for the last year of the preceding triennial period. At the instance of this Government, the Government of India in 1897 sanctioned the conversion of the two appointments of Special Inspectors on salaries of Rs. 700 and Rs. 500, respectively, into three appointments, having attached to them the pay of Rs. 500, Rs. 400, and Rs. 300, respectively. During the year 1898-99, out of 428 offices open 296 were inspected by the Special Inspectors. The Lieutenant-Governor is disappointed and dissatisfied, especially with the small number of inspections done by the third Inspector, and he expects a marked improvement in the present year. The first Inspector must also inspect a far larger number of offices instead of repeating inspections of particular offices. Inspections by Special Sub-Registrars attached to each district involve their absence from the head-quarters stations, and difficulty frequently arises in arranging for the registration duties of their sub-districts during their absence. With the view of obviating this inconvenience, and enabling the Special Sub-Registrar to perform his inspection duties with greater regularity, joint offices have been created at some head-quarters stations. The Sub-Registrar of these, having concurrent jurisdiction with the Special Sub-Registrar, is able to perform his ordinary registration work during his absence.

7. *Value of Property transferred under registered deeds.*—The aggregate value of immoveable property transferred by registered documents during the triennial period was Rs. 61,98,73,218, as compared with Rs. 52,02,11,989 during the preceding triennial period, the corresponding figures for moveable property being Rs. 7,74,02,786 against Rs. 7,20,69,951 in the preceding period. This increase is mainly due to the transactions of the first year of the period, a decrease having occurred in the two last years.

8. It was noted in the Resolution on the last triennial report that there had been a very marked decrease in the number of registrations under sections 12 (permanent tenures) and 18 (holdings at fixed rates) of the Bengal Tenancy Act, the number having fallen from 79,109 in 1886-87 to 14,780 in 1895-96. The last year of the period now under review shows a further decline, the total being 13,083. The discontinuance of registration of transfers of occupancy holdings, which is not authorised by the Act, partly accounts for the decrease, but these provisions are unpopular alike with landlord and tenant. The landlords are unwilling to accept the small fees, or fear that acceptance might be construed into admission of adverse rights, while the tenants object to pay the fees, as they are required still to pay *salami* for mutation of names in the landlord's office. The provisions of section 176 of the Act, which relates to the registration of encumbrances, are practically inoperative. Resort was had to registration under this section in two cases only during the year.



9. *Registration in Calcutta.*—Registration in Calcutta calls for notice. The subjoined figures show the numbers of deeds registered in the town of Calcutta during the last two triennial periods:—

		Total of compulsory registrations affecting immovable property.	Total of optional registrations affecting immovable property.	Total of registrations affecting moveable property.
1		2	3	4
1893-94	...	3,885	64	557
1894-95	...	3,868	50	546
1895-96	...	4,080	48	536
Total	...	11,833	162	1,639
1896-97	...	4,342	68	642
1897-98	...	3,966	65	632
1898-99	...	3,320	77	548
Total	...	11,628	210	1,822

It will be seen that the total of compulsory registrations affecting immovable property for the second period shows some falling off as compared with that for the first period. The following remarks of the Registrar of Calcutta regarding the large decline in registration in the past year may be quoted:—

"The past year was a bad year for Calcutta offices. The presentations here depend a great deal upon the trade of the place. Circumstances combined and brought about results greatly detrimental to the interests of the mercantile community. The general feeling of uncertainty and distrust in the fluctuating rates of exchange is the principal item. Next may be noted the influx of English capital in the several departments of trade in India, which is gradually reducing the number of companies out in India, and consequently a fewer number of deeds are registered here. The system of amalgamated tea and other companies is a new feature in Indian trade, and in a few of these newly consolidated companies several Indian companies have been absorbed. The last cause is the plague scare, which has to some extent frightened the lower classes out of town, and the want of labourers and the high price of labour are indirectly affecting trade."

10. *Working of Act III (B.C.) of 1895.*—The Inspector-General of Registration has submitted a separate report on the working of the Bengal Land Records Maintenance Act, III of 1895. The system provided by the Act for the registration of mutations of tenancies has had little success. The matter is dealt with in the Revenue Department, and need not be discussed here.

11. *Registration of Muhammadan Marriages and Divorces.*—The following statement shows the working of Act I (B.C.) of 1876 during the last twelve years:—

YEAR.	Number of districts in which Act I was in force.	Number of offices open on 31st March 1897.	Number of marriages registered.	Number of talak divorces registered.	Number of khola divorces registered.	Total number of ceremonies registered.
1	2	3	4	5	6	7
1887-88	14	112	4,100	2,478	1,090	7,668
1888-89	14	113	4,527	2,819	1,113	8,459
1889-90	14	112	3,959	3,114	1,137	8,215
1890-91	14	115	4,068	3,154	1,234	8,451
1891-92	19	151	5,442	3,260	1,474	10,176
1892-93	19	151	6,780	3,853	1,642	12,175
1893-94	20	169	8,205	4,485	2,053	14,743
1894-95	25	191	9,488	4,784	1,789	16,061
1895-96	25	211	10,675	4,986	1,702	17,363
1896-97	29	236	12,043	5,709	1,933	19,685
1897-98	30	241	10,765	5,462	1,695	17,902
1898-99	30	256	12,418	5,465	1,960	19,843

The Marriage Registrars are also appointed *Kazis* under Act XII of 1880. Forty-five new offices were opened during the triennial period under review. The success of the Act varies much in different districts, the interest taken in its working by the Registrars and the adverse influence of the village mullas or priests, being the main factors. It would appear that the Act is, on the whole, gaining ground. The fact, however, that 29 offices return no registration at all is distinctly unsatisfactory, and the Inspector-General will do well, as he proposes, to remind the Registrars that it is their duty to move about, and explain to the people the object and advantage of the Act. The largest number of ceremonies registered under the Act was in 1895-96. The total for the last triennial period, however, exceeds that for the preceding period, and the reduction in 1897-98 appears to be correctly attributed by the Inspector-General of Registration to the fact that in years of agricultural distress marriages are less frequent, and the people are also less able to pay the fees under the Act, and forego registration, which is optional.

12. The thanks of the Lieutenant-Governor are due to Khan Bahadur Delawar Hossein Ahmed for his administration of the Department. The names of the officers favourably mentioned by the Inspector-General will be noted by the Appointment Department of Government.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Inspector-General of Registration, for information and guidance.

Ordered also that extract paragraphs 2 and 3 of the Resolution be forwarded to the Revenue Department of this office, for information and necessary action.

Ordered also that a copy of the Resolution, together with a copy of the report, be submitted to the Government of India, in the Home Department, for information.

Ordered also that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

C. W. BOLTON,

*Chief Secretary to the Govt. of Bengal.*



WEATHER AND CROP REPORT.

For the week ending the 23rd October 1899.

**Burdwan.**—Rainfall at Sadar 2·89, Kalna 2·29, Katwa 2·54, Raniganj 2·20. Weather seasonable. Threshing of *aus* nearly over. Recent rain has done much good to *aman*. Sowing of *rabi* commenced. Fodder and water sufficient. Cattle-disease in Katwa rapidly decreasing. Common rice selling as follows :—

	Srs.	
Sadar	15	} per rupee.
Kalna	13½	
Katwa	15	
Raniganj	13	

**Birbhum.**—Rainfall at Sadar 2·98, Rampur Hât 3·30. Weather getting cool. Last rain has done much good to paddy crops, which are promising. Price of common rice at Sadar 14½ seers and at Rampur Hât 15 seers per rupee. Fodder sufficient.

**Bankura.**—Rainfall at Vishnupur 4·32. Weather fair and seasonable. Sowing of *rabi* commenced in places. Sugarcane and winter rice doing well. Fodder and water sufficient. No cattle-disease reported. Price of rice at Bankura 16 seers and at Vishnupur 15 seers per rupee.

**Midnapore.**—Rainfall at Sadar 3·41, Contai 4·31, Tamluk 4·71, Ghatal 3·31. Weather seasonable. Prospects of winter rice very good. Cattle-disease reported from Keshpur, Salboni and Benapura. Fodder and water ample. Common rice sells as follows :—

	Srs.	
Sadar	15	} per rupee.
Contai	20 eh.	
Tamluk	14-3½	
Ghatal	14-14	

**Hooghly.**—Rainfall at Sadar 2·95, Serampore 2·73, Jahanabad 2·96. Prospects of winter rice and sugar-cane good. Common rice sells at 14 seers 1½ chitaks per rupee.

**Howrah.**—Rainfall at Sadar 2·40, Uluberia 2·72. Weather seasonable. The recent rain has ensured a good rice harvest. Sowing of *rabi* commenced. Fodder and water sufficient. Common rice sells at 13 seers per rupee.

**24-Parganas.**—Rainfall at Barasat 3·15, Basirhat 2·20, Diamond Harbour 4·96. Heavy rain early in the week. The rain has done much good to the standing crops. Prospects of *aman* good. Lands are under cultivation for *rabi* crops. No cattle-disease. Fodder and water sufficient. Common rice sells as follows :—

	Srs.	
Sadar	12	} per rupee.
Barasat	14½	
Basirhat	16	
Diamond Harbour	13	

**Nadia.**—Rainfall at Sadar 2·33, Kushtia 2·40, Meherpur 2·99, Chuadanga 2·50, Ranaghat 2·67. Weather seasonable. Prospects of *aman* good. *Rabi* crops are being sown. Fodder and water sufficient. Price of common rice stationary.

**Murshidabad.**—Rainfall at Sadar 3·08, Kandi 3·90, Jangipur 2·76. Weather seasonable. Prospects of *aman* good. Sowing of *rabi* crops continues. The late rain has done much good to the standing crops. Sugarcane and mulberry doing well. Fodder and water sufficient. Cattle-disease reported from Hariharpara thana. Common rice sells as follows :—

	Srs.	
Sadar	14	} per rupee.
Kandi	18	
Jangipur	14	

**Jessore.**—Rainfall at Jhenida 1·90, Magura 1·09, Narail 1·73, Bangaon 1·62. Weather seasonable. Cultivation of *rabi* crops going on. Harvesting of *aus* paddy over. Prospects of *aman* paddy good. No cattle-disease reported. Fodder and water sufficient. Common rice sells as follows :—

	Srs.	
Sadar	16	} per rupee.
Jhenida	18	
Magura	18	
Narail	17½	
Bangaon	20	

**Khulna.**—Rainfall at Sadar 3·18, Bagerhat 3·17, Satkhira 3·35. Weather hot. *Aman* plants thriving. Prospects good. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	
Sadar	...	...	...	16½	} per rupee.
Bagerhat	...	...	...	16	
Satkhira	...	...	...	15	

**Rajshahi.**—Rainfall at Sadar 2·84, Nator 2·86, Naugaon 2·32. Prospects of standing crops good. No cattle-disease. Fodder and water plentiful. Common rice sells at 17½ seers per rupee.

**Dinajpur.**—Average rainfall ·65. Weather getting cooler. Standing crops fair. Cow-pox reported from Porsha thana. Fodder and water sufficient. Rice selling at Sadar 15 seers and at Thakurgaon 18 seers per rupee.

**Jalpaiguri.**—Rainfall at Sadar 1·06, Alipur-Duars ·56. Weather seasonable. *Haimanti* paddy doing well. Lands are being prepared for tobacco. Common rice sells at 14½ seers per rupee. Fodder and water sufficient.

**Darjeeling.**—Rainfall at Darjeeling ·35, Siliguri ·56. Weather seasonable. *Haimanti* paddy, *bara marua*, *phaphar*, *tori*, wheat, barley and *kalai* doing well. *Terai*—*Haimanti* paddy, *kalai* and potatoes progressing well. Coarse rice sells as follows:—

				Srs.	
Hills	...	...	...	9	} per rupee.
Terai	...	...	...	15	

*Bhutta* sells at Darjeeling 20 seers and at Kalimpong 32 seers per rupee.

**Rangpur.**—Rainfall at Sadar ·26, Gaibanda 3·18, Kurigram 2·90, Nilphamari ·80. Steeping and washing of jute continue. Lands are being prepared for *rabi* crops. Prospects good. Common rice sells at 16 seers 9 chitaks per rupee. Fodder and water sufficient. Cattle-disease prevailing in the Nilphamari subdivision.

**Bogra.**—Average rainfall 2·35. Prospects of crops good. Cultivation for *rabi* crops going on. Fodder and water ample. Common rice selling at 17 seers per rupee.

**Pabna.**—Rainfall at Sirajganj 2·88. Weather seasonable. Recent rain has improved prospects of standing crops. Price of common rice 14 seers 15½ chitaks per rupee. Cattle-disease in Tarash.

**Dacca.**—Rainfall at Sadar 1·83, Manikganj 2·50, Munshiganj 1·31, Narayanganj 1·44. Weather seasonable. Prospects of standing crops good. Fodder available. No cattle-disease. Common rice 16 seers per rupee.

**Mymensingh.**—Rainfall at Sadar ·50, Jamalpur 2·00, Tangail 2·16, Kishorganj 1·99, Netrokona 3·55. Weather seasonable. Prospects of crops good. Condition of cattle good. Fodder and water sufficient. Common rice selling at 17 seers per rupee.

**Faridpur.**—Rainfall at Sadar 1·52, Goalundo 1·48, Madaripur 2·60. Weather seasonable. State and prospects of crops good. Common rice sells at 16 seers per rupee.

**Backergunge.**—Weather seasonable. Prospects of crops fair. Common rice sells at 14 seers per rupee.

**Tippera.**—Rainfall at Sadar ·04, Brahmanbaria 2·02, Chandpur 4·08. Weather seasonable. *Aman* paddy doing well. Prospects continue favourable. Average price of common rice 16½ seers per rupee.

**Noakhali.**—Rainfall at Sadar ·12, Feni 6·35. Prospects of crops fair. Lands are being ploughed for *rabi* crops. Veterinary assistant treating, cattle-disease at Chagalnaya. Fodder and water good. Price of common rice (*aman*) 15 seers and (*aus*) 18 seers per rupee.

**Chittagong.**—Rainfall at Sadar 3·44, Cox's Bazar 12·39. Prospects of crops good. Water and fodder sufficient. Common rice 16 seers per rupee.

**Patna.**—Rainfall nil. Prospects of paddy crops up to date are favourable, but a shower or two of rain is urgently needed now. Lands are being prepared for *rabi* crops. Sugarcane cutting has begun in places. Fodder and water for cattle sufficient. Common rice in Patna sells at 16 seers per rupee.

**Gaya.**—No rain. It is wanted for paddy crops. *Rabi* sowing commenced. Common rice selling at 13 seers per rupee.

**Shahabad.**—Rainfall nil. Rain wanted for *rabi* sowings. Fodder and water abundant. One hundred and twenty cases of cattle-disease in Sasaram. Rice selling at Sadar 11 seers per rupee.

**Saran.**—No rain. Weather seasonable. *Rabi* sowing going on. Rain urgently required for *rabi* and paddy. Average price of common rice 12 seers 1 chitak and of *makai* 13 seers 4 chitaks per rupee.

**Champaran.**—Rainfall at Bagaha '61. *Aghani* paddy on high lands withering for want of rain. In low and irrigated lands the prospect is still fair. *Rabi* sowings commenced, but progress is slow. Price of common rice 14½ seers and of maize 16 seers per rupee.

**Muzaffarpur.**—Rainfall nil. Prospects of winter rice continue to be fair, but rain wanted for up-land rice. *Rabi* sowings commenced in places. Prices, which are stationary, are—Common rice 12 seers, wheat 12 seers, barley 16 seers, *makai* 14½ seers, gram 13 seers, *rahar* 14 seers, and *marua* 15 seers per rupee.

**Darbhanga.**—No rain. Weather seasonable. Prospects of standing crops good, but more water wanted for the rice. Fields are being prepared for *rabi*. Fodder sufficient. No cattle-disease reported. Common rice sells at Sadar 12 to 13 seers per rupee.

**Monghyr.**—Rainfall at Sadar nil, Begusarai '03, Jamui '25. Nights cool. Days still hot. *Rabi* being sown. All standing crops doing well. Common rice sells as follows:—

	Srs.	
Monghyr	...	11½
Begusarai	...	12
Jamui	...	14

} per rupee.

**Bhagalpur.**—Nights cool. Rainfall at Banka '39. Winter rice has been benefited. More rain wanted. *Rabi* sowings continue. Stray cases of cattle-disease reported from Supaul and Banka subdivisions. Common rice sells as follows:—

	Srs.	
Sadar	...	13½
Banka	...	12½
Madhipura	...	14
Supaul	...	19

} per rupee.

**Purnea.**—Rainfall at Sadar nil, Kishanganj '06, Araria '03. Weather seasonable. *Rabi* sowings commenced. Prospects of *aghani* rice good. No cattle-disease reported. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	
Sadar	...	14
Kishanganj	...	17
Araria	...	19

} per rupee.

**Malda.**—Rainfall at Sadar 1'68, Chanchal '60, Shibganj 1'48. Weather seasonable. Sowing of *rabi* crops commenced. Prospects of standing crops good. The recent rain has benefited the winter rice crop. Cattle-disease reported from Shibganj and Malda. Coarse rice sells at 16½ seers per rupee. Fodder and water sufficient.

**Sonthal Parganas.**—The cold weather is setting in. Average rainfall '93, which renders bumper rice crop certain. *Rabi* crops and sugarcane doing well. Prospects very favourable. Average price of common rice 12 seers 14 chitaks and of maize 15½ seers per rupee. Fodder and water ample.

**Cuttack.**—Rainfall at Sadar 10'37, Jajpur 10'63, Kendrapara 8'49, Banki 7'10, False Point 6'62. Weather seasonable. *Laghu sarad* in flower. *Guru sarad* in ear. Sugarcane, *rabi* and turmeric growing. Jute and cotton being harvested. Condition of cattle generally good. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	Ch.	
Cuttack	...	14	7
Jajpur	...	15	12
Kendrapara	...	19	11
Banki	...	13	12

} per rupee.

**Balasore.**—Weeding of *sarad* continues. *Azu* is being harvested. Sugarcane thriving well. Prospects of crops good except on high lands in Agarpara circle. Rice sells at 18½ seers per rupee in the interior, and at 16 seers at Balasore and Bhadrak. Cattle-disease reported from places. Fodder and water sufficient.

**Angul.**—Rainfall at Angul 6·13 and Bisipara 3·99. Low-land paddy revived and *rabi* sowing operations renewed. Cattle-pox continues at Bisipara. Fodder sufficient. Common rice is difficult to procure; the rate is 16 seers at Angul and 12 seers at Khondmals.

**Puri.**—Rainfall at Sadar 5·57, Khurda 9·10. Weather cool, winter approaching. Crops saved where not already lost. *Kulthi* being sown. Sugarcane promising. Other miscellaneous crops doing well. Fodder and water sufficient. Common rice sells as follows:—

				Srs.	Ch.	
Sadar	...	...	...	12	0	} per rupee.
Khurda	...	...	...	11	4	
Interior of district	...	...	...	12	4	

**Hasaribagh.**—Rainfall nil. Weather seasonable. Prospects of crops poor. Common rice sells at 11½ seers per rupee.

**Ranchi.**—Rainfall nil. Weather seasonable. Prospects of winter rice worse. Rain badly wanted. Rice sells 10 seers per rupee in Ranchi and 12½ seers in the interior. No cattle-disease. Fodder and water sufficient.

**Palamanu.**—Rainfall nil. Weather seasonable. Paddy suffering very much for want of rain. *Rabi* sowing retarded. Sugarcane doing fairly well. Prices at Sadar are—rice 10 seers 11 chitaka, wheat 10 seers 2 chitaka, grain 14 seers, *mandua* 16 seers 14 chitaka, and *makai* 14 seers per rupee. Fodder and water sufficient.

**Manbhum.**—Rainfall at Sadar 75, Gobindpur 97. Weather seasonable. *Bhadai* crops fair. Winter rice an average crop. Cattle-disease reported from thanas Purulia, Gobindpur, Topchanchi, and Tundi. Fodder and drinking-water sufficient. Average price of common rice at Sadar 12 seers 11 chitaka and at Gobindpur 12 seers per rupee. Supply sufficient.

**Singhbhum.**—Report not received.

**General Summary.**—The general and heavy rainfall noticed in last week's report occurred in Bengal Proper and Orissa. In Bengal it did considerable good to the standing crops, which are now sure to be at least fair, and in most districts good. In Orissa, Outtaek and Balasore will enjoy excellent crops, while those in Puri and Angul have been greatly benefited. In the Chota Nagpur Division the continued drought is causing injury to the rice crop, which is expected to be poor, and in the Patna Division it is injuring the unirrigated upland rice and retarding the sowing of the spring crops. Prices are generally steady; in Orissa and Chota Nagpur they are somewhat easier than before. Cattle-disease is reported from a few districts. Fodder is generally sufficient.

By order of the Lieutenant-Governor of Bengal,

F. A. SLACK,

*Offg. Secretary to the Govt. of Bengal.*

REVENUE DEPARTMENT,  
The 24th October 1899.

PRICES-CURRENT (*RETAIL*) OF FOOD-GRAINS AND SALT

IN THE

HEAD-QUARTERS STATION BAZARS OF THE DISTRICTS OF BENGAL  
DURING THE FORTNIGHT ENDING THE 16<sup>TH</sup> OCTOBER 1899.

## PRICES-CURRENT (retail) of Food-grains and Salt in the Head.

Number.		DISTRICTS.	QUANTITIES PER RUPEE IN																
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU. (Sorghum Vulgare.)				
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
BENGAL.			S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.			
BURDWAN DIVISION.	1	Burdwan	...	12 0	12 0	14 8	...	...	...	12 0	13 8	9 6	16 0	16 0	18 8	...	...	...	
	2	Birbhum	...	13 0	13 8	13 0	...	...	...	12 12	12 12	12 0	16 0	16 0	15 0	...	...	...	
	3	Bankura	...	10 0	12 8	12 0	...	...	...	10 0	12 8	11 8	15 0	17 8	16 0	...	...	...	
	4	Midnapore	...	10 0	13 0	10 10	...	...	...	12 0	12 8	10 10	15 0	17 0	{ Old 13 0 new 16 0 }	...	...	...	
	5	Hooghly	...	12 0	13 8	12 0	...	...	...	7 8	7 8	7 8	12 0	12 0		10 8	...	...	...
	6	Howrah	...	...	...	...	...	...	...	10 10	10 10	9 0	13 0	13 0	12 0	...	...	...	
PRESIDENCY DIVISION.	7	24-Parganas	...	...	...	...	...	...	8 10	8 8	8 0	12 10	12 8	11 8	...	...	...		
	8	Calcutta	...	9 6	10 10	12 12	12 4	14 8	16 0	8 0	8 0	7 4	11 6	11 6	11 4	11 6	14 8	17 0	
	9	Nadia	...	13 5	14 8	13 5	...	29 1	14 9	6 10	7 4	6 10	12 18	13 14	13 10	...	...	...	
	10	Murshidabad	...	Jamali. 14 0 15 0		16 0	{ 18 0 Gangajali. 12 0 13 0 15 0 }	18 0	20 0	...	12 8	12 8	10 8	15 0	16 0	15 0	...	...	...
	11	Jessore	...	9 0	9 8	11 0		10 0	10 0	11 0	10 8	10 8	10 8	16 0	18 0	16 0	...	...	...
	12	Khulna	...	...	...	...	...	...	...	13 0	14 0	11 0	16 0	18 0	16 0	...	...	...	
RAJBHARI DIVISION.	13	Rajshahi	...	15 9	14 4	16 8	22 8	24 0	20 10	12 0	12 0	10 8	14 4	16 8	12 12	...	...	...	
	14	Dinajpur	...	12 0	15 4	15 2	16 0	16 0	16 0	12 0	13 0	10 8	16 12	16 12	17 4	...	...	...	
	15	Jalpaiguri	...	9 0	10 8	12 0	...	...	...	5 0	5 0	5 8	13 0	14 0	12 0	...	...	...	
	16	Darjeeling	...	7 0	7 0	8 0	8 0	8 0	9 0	5 4	5 4	5 4	10 0	9 8	11 0	...	...	...	
	17	Rangpur	...	12 0	11 0	10 0	...	...	...	7 0	7 0	7 8	13 0	13 0	13 0	...	...	...	
	18	Bogra	...	9 15	10 14	15 0	...	...	...	14 4	16 8	9 15	18 0	18 12	13 8	...	...	...	
DACCA DIVISION.	19	Pabna	...	16 8	16 8	14 4	35 0	35 0	22 8	7 0	7 0	6 0	17 4	16 12	16 5	...	...	...	
	20	Dacca	...	10 12	10 12	13 0	30 0	32 0	26 0	10 4	10 12	10 0	18 0	16 0	16 0	...	...	...	
	21	Mymensingh	...	13 8	13 8	13 8	10 0	10 0	10 0	16 0	16 0	10 0	20 0	18 0	13 0	...	...	...	
	22	Faridpur	...	15 0	16 0	14 0	28 0	32 0	18 0	6 0	6 0	6 0	16 0	16 0	18 0	...	...	...	
	23	Backergunge	...	...	...	...	...	...	...	12 0	13 0	12 0	{ 12 12 12 12 aus rice. 16 0 16 8 20 0 }	...	...	...	...		

- A. In the subdivisions the retail prices of salt per rupee are:—Kalna 10 seers 10 chittacks (panga) and 11 seers 7 chittacks (karkatch); Katwa 11 seers 6 chittacks (karkatch); Raniganj 10½ seers (panga).
- B. At Rampur Hat the retail price of salt is 10½ seers per rupee.
- C. In the subdivisions the retail prices of salt per rupee are:—Contai 10 seers; Tamruk 10½ seers; Ghatal 12½ seers.
- D. In the subdivisions the retail prices of salt per rupee are:—Serampore 10½ seers; Jahanabad 10 seers 9 chittacks.
- E. At Ulubaria the retail price of salt is 10 seers 10½ chittacks per rupee.
- F. In the marts in the interior of the district the retail prices of salt per rupee are as follows:—Chotla 10 seers 11 chittacks; Baranout 11½ seers; Baduria 10 seers 10 chittacks; Magrahat 10 seers 11 chittacks.
- G. In the subdivisions the retail prices of salt per rupee are:—Kushtia (Bahadurkhal) 10½ seers (panga); Chuadanga 10 seers (panga); Meherpur 9 seers 15 chittacks (crushed); Raniganj 11 seers 6 chittacks (karkatch).
- H. In the subdivisions the retail prices of salt per rupee are:—Lalbagh 11 seers; Jaugipur and Kandi returns not received.
- I. In the subdivisions the retail prices of salt per rupee are:—Jhenida 10 seers; Magura 9½ seers; Narail 10 seers; Baugan 10 seers 10 chittacks.



DIAJEA OR CUMBU.  
*Periwettum typhoid-*  
*cam.*

MARUA OR RAGI.  
 (Eleusine Corocana.)

1838.

KANGNI OR KARUM, ITALIAN MILLET. ( <i>Setaria Italica.</i> )			GRAM, CHANA, CHHOLA, KADALAY, OR SUNAGA. ( <i>Cicer arisatum.</i> )		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	16 8	16 8	16 8
...	...	...	15 0	15 0	16 0
...	...	...	12 8	15 0	14 0
...	...	...	11 0	13 0	13 0
...	...	...	12 0	13 0	15 0
...	...	...	16 0	16 0	15 0
...	...	...	12 11	12 8	16 0
10 0	10 0	10 0	11 11	11 6	15 0
...	...	...	14 8	15 3	18 0
...	...	...	14 8	15 0	22 0
...	...	...	13 4	16 0	15 0
...	...	...	20 0	20 0	13 0
...	...	...	16 0	18 0	21 0
...	...	...	14 8	16 8	12 0
...	...	...	13 8	17 0	15 0
...	...	...	8 0	9 0	11 0
...	...	...	10 0	14 0	14 0
...	...	...	15 0	15 0	15 0
...	...	...	17 4	18 0	16 0
...	...	...	12 0	13 0	14 0
...	...	...	20 0	20 0	8 0
...	...	...	14 0	18 0	12 0
...	...	...	9 8	11 8	11 0

**SUPPLEMENT TO THE CALCUTTA GAZETTE, OCTOBER 25, 1899. 1839**

*quarters Station Bazars of the Districts of Bengal on the 15th October 1899.*

												WHOLESALE PRICES PER MAUND OF 40 SEERS.						DISTRICTS.	Number.
INDIAN-CORN OR MAIZE. (Zea mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus Indicus.)			SALT.			SALT.										
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.								
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. h.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL.							
...	...	...	11 0	11 0	14 12	A	11 8	11 8	11 7 13 4	0 3 1 0	3 8 0	Burdwan.	1						
...	...	...	12 0	12 0	18 0	B	10 8	10 8	10 8 18 10	6 3 10 6	3 10 6	Birbhum.	2						
...	...	...	10 0	11 4	12 0		10 0	10 0	10 0 4 0 0	4 0 0	4 0 0	Bankura.	3						
...	...	...	10 0	12 8	...	C	10 10	11 4	10 8 3 8	0 3 8 0	3 8 6	Midnapore.	4						
...	...	...	10 0	10 0	7 0	D	10 8	10 8	10 0 3 8 0	3 12 0	3 12 0	Hooghly.	5						
...	...	...	11 8	11 8	11 0	E	10 8	10 8	10 0 3 8 0	3 8 0	3 10 0	Howrah.	6						
...	...	...	10 8	10 4	13 0	F	10 12	10 12	10 8 3 6 0	3 6 0	3 8 0	24-Parganas.	7						
11 6	12 4	20 0	9 0	10 10	11 4		11 0	11 0	10 0 3 5 0	3 6 0	3 6 0	Calcutta.	8						
...	...	...	9 6	11 0	...	G	12 1	12 1	11 0 3 5 0	3 5 0	3 10 0	Nadia.	9						
...	...	...	12 0	13 0	...	H	11 0	11 0	10 8 3 8 0	3 7 3	3 10 0	Murshidabad.	10						
...	...	...	8 0	...	...	I	11 0	9 2	10 0 3 10 0	3 12 0	3 14 0	Jessore.	11						
...	...	...	11 0	11 0	11 0	J	10 0	10 0	10 0 3 12 0	3 12 0	3 12 0	Khulna.	12						
...	...	...	16 8	18 0	24 0	K	9 12	9 12	10 3 3 13 4	3 13 4	3 15 0	Rajshahi.	13						
...	...	...	9-9-3t.	10 14	...		10 0	10 0	10 8 4 0 0	4 0 0	3 10 6	Dinajpur.	14						
...	...	...	10 0	10 8	12 0		10 0	10 0	10 0 3 10 0	3 11 0	3 11 0	Jalpaiguri.	15						
20 0	13 0	26 0	6 8	7 0	8 8	L	7 8	7 0	8 0 5 4 0	5 8 0	5 0 0	Darjeeling.	16						
18 0	18 0	18 0	8 0	9 0	9 0	M	9 0	9 0	9 0 4 0 0	4 0 0	4 0 0	Rangpur.	17						
...	...	...	14 4	14 4	...		10 8	10 8	10 15 3 12 0	3 12 0	3 13 4	Bogra.	18						
...	...	...	9 12	10 0	12 8	N	9 12	9 12	9 12 3 14 0	3 14 0	3 14 0	Pabna.	19						
...	...	...	8 0	8 0	13 0	O	10 0	10 0	10 0 3 9 0	3 9 0	3 10 0	Dacca.	20						
...	...	...	10 8	10 8	10 0	P	10 0	10 0	9 8 4 0 0	4 0 0	4 0 0	Mymensingh.	21						
...	...	...	7 0	8 0	...	Q	10 0	10 0	10 0 4 0 0	4 0 0	4 0 0	Faridpur.	22						
...	...	...	...	...	...	R	10 0	10 0	10 6 3 10 0	3 10 0	3 12 0	Bacergunge.	23						

J. In the subdivisions the retail prices of salt per rupee are :—Bagerhat 10½ seers ; Satkhira 11½ seers.  
 K. In the subdivisions the retail prices of salt per rupee are :—Nator 10½ seers ; Naugon 9 seers 10 chittacks.  
 L. Retail prices of salt at Kupsong 8 seers and at Siliguri 9 seers per rupee.  
 M. In the subdivisions the retail prices of salt per rupee are :—Gaibanda 10 seers ; Kurigram 8 seers ; Nilphamari 10 seers.  
 N. At Sirajganj the retail price of salt is 11 seers per rupee.  
 O. In the marts in the interior of the district the retail prices of salt per rupee are :—Madanganj 11 seers 10 chittacks ; Manikganj 9 seers ; Mirkadim 10 seers 10 chittacks.  
 P. In the subdivisions the retail prices of salt per rupee are :—Kishorganj 10 seers ; Jamalpur 10 seers ; Kagmari 8 seers ; Netrokona 9½ seers.  
 Q. In the subdivisions the retail prices of salt per rupee are :—Goalundo 10 seers ; Madaripur 10½ seers.  
 R. In the subdivisions the retail prices of salt per rupee are :—Pirojpur return not received ; Fatuakhali 9 seers ; Bhola 9 seers.

## PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

QUANTITIES PER RUPEE IN																	
Number.	DISTRICTS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU (Sorghum Vulgare).			
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
BENGAL—concluded.																	
CHITTAGONG DIVISION.	24 Tippera ...	...	...	...	...	...	...	10 0	10 0	12 0	15 0	15 3	19 0	...	...	...	
	25 Noakhali ...	...	...	...	...	...	...	11 0	11 0	11 0	16 8	16 0	16 0	...	...	...	
	26 Chittagong ...	...	...	...	...	...	...	11 0	10 8	10 0	16 0	16 0	12 0	...	...	...	
BIHAR.																	
PATNA DIVISION.	27 Patna ...	13 0	13 8	17 0	15 0	20 0	23 0	11 0	12 0	12 0	15 0	16 0	15 0	...	18 0	...	
	28 Gaya ...	12 0	12 8	14 8	16 0	17 0	23 0	10 0	9 0	9 8	18 0	14 0	15 0	17 8	17 8	19 8	
	29 Shahabad ...	{ 12 0 to 13 0 }	13 8	15 0	17 0	18 0	24 0	9 0	9 8	8 0	13 8	13 4	13 0	...	...	...	
	30 Saran ...	10 8	13 4	16 0	14 0	18 0	24 0	9 0	9 8	8 0	11 0	13 0	14 0	12 0	...	...	
	31 Champaran ...	13 8	14 8	13 8	16 8	21 8	22 8	7 0	7 0	6 8	14 0	15 0	14 0	...	...	...	
	32 Muzaffarpur ...	11 0	14 0	16 0	14 0	18 0	19 0	6 0	8 0	7 0	11 0	12 8	13 0	...	...	...	
33 Darbhanga ...	12 0	14 8	13 0	14 0	18 0	16 0	8 8	8 0	7 12	10 8	12 8	11 0	...	...	...		
BHAGALPUR DIVISION.	34 Monghyr ...	11 8	13 10	18 0	15 12	16 12	21 0	9 8	10 8	7 6	10 8	13 10	13 0	...	...	...	
	35 Bhagalpur ...	11 6	13 4	16 8	16 2	17 12	25 4	10 2	11 6	12 0	13 4	15 2	15 4	...	...	...	
	36 Purnea (Kasba) ...	15 0	16 0	16 0	...	...	...	12 0	12 0	12 0	18 0	{ 16 0 17 0 New bhadoi. 18 0 21 0 }	...	...	...		
	37 Malda (English Bazar) ...	12 8	15 0	18 0	20 0	...	...	11 0	11 0	8 0	17 0	16 0	15 0	...	...	...	
	38 Sonthal Parganas ...	10 0	11 0	12 0	19 0	19 0	17 0	13 0	13 0	11 0	15 0	16 0	15 0	...	...	...	
ORISSA.																	
ORISSA DIVISION.	39 Cuttack ...	9 3	9 3	11 13	...	...	...	9 3	9 3	9 3	12 8	14 7	15 2	...	...	...	
	40 Balasore ...	13 0	16 0	13 0	12 0	13 0	10 0	13 0	13 0	13 0	16 0	17 0	16 0	...	...	...	
	41 Puri ...	10 8	10 8	9 0	...	...	...	7 14	7 14	8 6	11 13	12 7	15 12	...	...	...	
CHOTA NAGPUR.																	
CHOTA NAGPUR DIVISION.	42 Hazaribagh ...	9 0	11 8	12 4	14 0	16 0	16 0	8 0	11 0	8 0	11 0	13 0	14 0	...	...	...	
	43 Ranchi ...	{ 6 8 to 9 8 }	{ 7 4 to 10 8 }	{ 6 4 to 12 0 }	...	...	10 0	7 8	10 0	9 0	10 0	13 0	{ 13 0 to 15 0 }	...	...	...	
	44 Palamau ...	9 9	13 8	15 12	13 8	22 8	27 0	8 7	12 6	14 5	9 9	13 8	18 0	...	...	...	
	45 Manbhum ...	10 0	12 0	13 0	18 0	16 0	...	10 4	12 0	11 0	14 0	15 0	16 0	...	...	...	
	46 Singhbhum ...	12 0	12 0	8 0	...	...	...	11 0	14 0	13 0	15 0	16 0	15 0	...	...	...	

S. In the subdivisions the retail prices of salt per rupee are:—Brahmanbaria 10 seers; Chandpur 9 seers.  
 T. At Feni 11½ the retail price of salt is 9 seers per rupee.  
 U. In the Jahanabad, Aurangabad and Nawada subdivisions the retail price of salt is 10 seers per rupee.  
 V. In the subdivisions the retail prices of salt per rupee are:—Sasaram 10½ seers; Buxar 11 seers; Bharia 10 seers.  
 W. In the subdivisions the retail prices of salt per rupee are:—Siwan return not received; Gopalganj (Mirganj) 12½ seers.  
 X. At Bettiah the retail price of salt is 10 seers per rupee.  
 Y. In the subdivisions the retail prices of salt per rupee are:—Hajipur 10 seers; Sitamarhi 11 seers.  
 Z. In the subdivisions the retail prices of salt per rupee are:—Madhubani 10½ seers; Samastipur 11 seers.  
 a. In the Begusarai and Jamui subdivisions the retail price of salt is 10½ seers per rupee.

BEERS OF 80 TOLARS

BAJIA OR COMBU. <i>Pomastum typhoid- cum.</i> )			MARUA OR RAGI. <i>Micrusina Corcorana.</i>		
Present return.		Next preceding re- turn.	Present return.		Next preceding re- turn.
Ch.	S.	Ch.	S.	Ch.	S.
100	000	000	000	000	000
200	001	001	000	000	001
300	000	002	000	001	000
400	000	000	000	20 0	30 0
500	000	000	22 0	20 8	22 0
600	001	000	000	000	000
700	001	000	16 0	16 0	22 0
800	000	000	000	000	000
900	000	000	000	20 0	25 0
000	000	...	16 0	19 0	25 8
100	001	000	000	000	000
200	000	000	000	000	000
300	001	000	000	000	000
400	000	000	20 0	24 0	24 0
500	000	000	23 0	32 0	32 0
600	001	000	18 8	23 10	36 0
700	000	000	000	000	000
800	000	000	000	000	000
900	000	000	000	000	000
000	000	000	000	000	000

KAMONI OR KAKUN, ITALIAN MILLET. ( <i>Setaria Italica</i> .)			GRAM, CHANA, CHHOLA, KADALAT OR SUNAGA. ( <i>Cicer arietinum</i> .)		
Present return.	Next preceding re- turn.	Corresponding re- turn of last year.	Present return.	Next preceding re- turn.	Corresponding re- turn of last year.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	...	...	...	...	...
...	...	...	12 0	12 0	12 0
...	...	...	9 0	12 0	11 0
18 0	12 0	20 0	15 0	16 0	20 0
18 0	18 0	16 0	15 0	15 8	20 0
...	...	...	15 0	15 0	21 0
12 0	12 0	10 0	12 0	16 8	20 0
...	...	...	14 0	18 8	17 0
...	...	...	12 0	17 0	17 0
...	...	...	13 8	16 0	16 0
...	...	...	16 12	16 4	20 0
...	...	...	12 6	16 0	19 0
...	...	...	15 0	19 0	...
...	...	...	18 0	18 0	20 0
...	...	...	18 0	16 0	15 6
...	...	...	Biri or kalai.		
...	...	...	18 13	14 7	15 0
...	...	...	Chhola.		
...	...	...	10 8	12 8	13 0
...	...	...	Biri or kalai.		
...	...	...	14 0	18 0	18 0
...	...	...	18 8	14 1	12 0
...	...	...	12 0	15 0	17 0
...	...	...	11 0	14 0	14 0
...	...	...	12 0	15 0	15 0
...	...	...	12 6	19 8	23 0
...	...	...	10 0	12 8	16 0
...	...	...	14 0	14 0	...



## Station Basars of the Districts of Bengal on the 15th October 1899—(concluded).

INDIAN-CORN OR MAIZE. (Zea mays.)												WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.	Number
ARHAR OR TUR, CADJAN PEA. (Cajanus indicus.)						SALT.			SALT.							
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.					
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL—concluded.				
...	...	...	...	...	...	8 10 0	10 0	8 0	3 12 0	3 11 0	4 0 0	Tippera.	24			
...	...	...	...	...	...	T 9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Noakhali.	25			
...	...	...	8 0	8 0	...	9 0	10 8	11 0	4 0 0	3 8 0	3 8 0	Chittagong.	26			
												BIHAR.				
...	18 0	26 0	16 8	13 8	...	11 0	11 0	11 0	3 7 0	3 7 6	3 8 0	Patna.	27			
...	...	22 0	10 0	11 0	14 0	U 10 0	10 0	10 0	3 12 0	3 12 0	3 14 0	Gaya.	28			
15 0	14 0	22 0	13 0	12 12	...	V 10 8	10 12	11 0	3 13 0	3 14 0	3 13 0	Shahabad.	29			
12 12	17 0	23 8	12 0	13 4	...	W 10 12	10 12	10 8	3 10 0	3 11 0	3 12 0	Saran.	30			
16 0	21 8	22 0	10 0	11 0	12 8	X 10 8	10 8	8 8	3 13 0	3 13 0	4 8 0	Champaran.	31			
13 0	18 0	25 0	13 0	12 0	...	Y 11 4	11 4	9 0	3 8 0	3 8 0	4 7 0	Muzaffarpur.	32			
15 0	19 0	22 8	13 0	16 0	...	Z 10 8	10 8	8 0	3 13 0	3 8 0	5 0 0	Darbhanga.	33			
...	...	30 0	13 8	10 8	13 9	a 10 8	10 8	10 0	3 13 0	3 7 0	4 0 0	Monghyr.	34			
13 14	17 12	30 4	13 14	12 0	...	b 10 0	10 0	10 0	3 12 0	3 14 0	3 12 0	Bhagalpur.	35			
...	...	...	9 0	9 8	...	c 10 8	10 8	10 8	3 12 0	3 12 0	3 12 0	Purnea (Kasbi).	36			
...	...	40 0	10 0	10 0	...	d 10 0	9 8	9 0	4 0 0	3 13 0	4 4 0	Malda (English Bazar).	37			
29 0	22 0	38 0	17 0	18 0	24 0	e 10 0	10 0	9 0	3 14 0	3 14 0	4 0 0	Sonthal Parganas.	38			
...	...	...	15 12	15 12	19 1	f 10 12	10 12	10 12	3 0 0	3 0 0	3 2 0	Cuttack.	39			
...	...	...	8 0	8 0	10 8	g 11 8	12 4	11 8	3 8 0	3 4 0	3 9 0	Balasore.	40			
...	...	...	9 3	11 0	...	h 13 0	3 0	13 2	3 0 0	3 0 0	2 15 0	Puri.	41			
												CHOTA NAGPUR.				
30 0	24 0	20 0	14 0	16 0	17 0	i 9 0	9 0	8 0	4 2 0	4 7 0	4 4 0	Hasaribagh.	42			
16 0	20 0	20 0	6 0	8 0	9 0	...	10 0	9 0	3 15 0	4 0 0	4 6 0	Ranohi.	43			
12 16	23 10	33 12	8 7	14 10	...	...	9 0	9 0	...	...	...	Palanau.	44			
20 0	24 0	...	10 0	11 0	...	i 10 8	10 8	10 0	3 10 0	3 8 0	3 12 0	Manbhum.	45			
24 0	25 0	...	11 0	11 0	10 0	...	7 0	7 0	4 4 0	4 4 0	4 4 0	Singhbhum.	46			

- b. In the subdivisions the retail prices of salt per rupee are :—Banka 10 seers; Madhipura 9½ seers; Supaul 10 seers.  
c. In the subdivisions the retail prices of salt per rupee are :—Banka 10 seers; Madhipura 9½ seers; Supaul 10 seers.  
d. At Bahia Nawabganj the retail price of salt (panga) is 10 seers per rupee.  
e. In the subdivisions the retail prices of salt per rupee are :—Godda 10 seers; Jamtara 11 seers; Rajmahal 11 seers; Pakaur 10 seers; Deoghur return not received.  
f. In the subdivisions the retail prices of salt (panga) per rupee are :—Jajpur 10 seers; Kendrapara 9 seers.  
g. At Bhadrak the retail price of salt is 10½ seers per rupee.  
h. At Khurda the retail price of salt is 12 seers 13 chittacks per rupee.  
i. At Gobindpur the retail price of salt is 10 seers 10 chittacks per rupee.

Published for general information.

F. A. SLACK,  
Offg. Secretary to the Govt. of Bengal.

## PRICES-CURRENT (wholesale) of Food-grains, Firewood, &amp;c.

Number.	MARTS.	RICE (BEST SORT).			COMMON RICE (mota chand).			WHEAT ( <i>Triticum sativum</i> ).			BARLEY ( <i>Hordeum vulgare</i> ).		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A.
1	Calcutta	4 12 0	5 0 0	5 4 0	3 4 0	3 4 0	3 4 0	4 0 0	3 8 0	2 12 0	3 0 0	2 8 0	2 4
2	Burdwan	3 4 0	3 1 0	4 4 0	2 8 0	2 8 0	2 16 0	3 4 0	3 4 0	2 12 0	...	...	...
3	Midnapore	3 4 0	3 4 0	3 12 0	2 10 0	2 6 0	2 12 0 aun. 2 8 0	...	...	...	...	...	...
4	Pabna	6 10 0	5 11 3	6 10 0	2 5 0	2 2 0	2 6 6	2 6 6	2 6 9	2 12 6	...	...	...
5	Rangpur	5 0 0	5 0 0	5 8 0	3 0 0	3 0 0	3 0 0	3 0 0	3 0 0	3 12 0	...	...	...
6	Dacca	3 12 0	3 10 0	3 8 0	2 2 0	2 6 0	2 6 0	3 8 0	3 8 0	2 14 0	1 4 0	1 0 0	1 4
7	Chittagong	3 4 0	3 12 0	4 0 0	2 8 0	2 12 0	3 0 0	...	...	...	...	...	...
8	Patna	3 9 0	3 4 0	3 4 0	2 10 0	2 7 0	2 9 0	3 0 0	2 18 6	2 5 0	2 10 0	1 14 6	1 10
9	Muzaffarpur	5 11 6	4 7 0	5 11 6	3 5 6	3 1 3	3 1 3	3 5 6	2 10 6	2 8 0	2 10 6	2 1 6	2 1
10	Bhagalpur	3 15 0	3 8 3	3 5 3	3 0 3	2 10 3	2 9 0	3 8 3	3 0 3	2 6 9	2 10 3	2 4 0	1 8
11	Cuttack	3 12 9	3 12 9	3 12 9	3 0 9	2 10 3	3 5 6	3 14 0	3 14 0	3 4 6	...	...	...
12	Ranchi	5 6 6	4 0 0	4 7 0	4 0 0	3 1 0	2 10 6 to 3 1 0	4 3 3 to 5 6 6	3 13 0 to 5 8 3	3 5 0 to 6 2 0	...	...	...

CALCUTTA,  
The 24th October 1899.

JUAR OR CHOLUM ( <i>Sorghum vulgare</i> ).			BAJRA OR CUMBU ( <i>Pennisetum typhoides</i> ).			MARUA OR BAOI ( <i>Eleusine corocana</i> ).			GRAM, CHANA, CHOLA, KADALAY, OR SUNAGA ( <i>Cicer arietinum</i> ).		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
15	16	17	18	19	20	21	22	23	24	25	26
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
3 4 0	2 9 0	2 2 0	5 8 0	4 4 0	...	...	...	...	3 4 0	3 4 0	2 8 0
...	...	...	...	...	...	...	...	...	2 6 0	2 6 0	2 8 0
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	2 5 0	2 3 6	2 6 6
...	...	...	...	...	...	...	...	...	3 8 0	2 12 0	2 8 0
...	...	...	...	...	...	...	...	...	3 4 0	2 14 0	2 10 0
...	...	...	...	...	...	...	...	...	4 0 0	3 4 0	3 2 0
...	2 3 0	...	...	...	...	...	1 14 6	1 4 0	2 10 0	2 7 0	1 14 6
...	...	...	...	...	...	...	1 14 6	1 9 6	3 1 6	2 3 6	2 5 6
...	...	...	...	...	...	...	...	...	3 3 0	2 8 0	2 1 9
...	...	...	...	...	...	...	...	...	2 12 6	Biri or kalai.	
...	...	...	...	...	...	...	...	...	2 10 3	2 8 9	2 8 9
...	...	...	...	...	...	...	...	...	3 5 3	2 10 6	2 10 6
...	...	...	...	...	...	...	...	...	3 10 0	2 13 3	2 13 6

PRICES PER MAUND

INDIAN-CORN OR MALES (Zea mays).			ARHAR DAL OR THUR— CADJAN PEA ( <i>Cajanus indicus</i> ).			LENSEED.			MUSTARD AND RAPESEED.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
27	28	29	30	31	32	33	34	35	36	37	38
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
3 4 0	3 0 0	1 14 0	4 4 0	3 8 0	3 4 0	5 8 0	5 0 0	4 0 0	4 4 0	4 4 0	3 12
...	...	...	3 8 0	3 8 0	...	...	...	...	3 14 0	4 0 0	3 14
...	...	...	...	...	...	4 14 0	4 0 0	3 11 0	4 8 0	4 4 0 to 4 8 0	4 12
...	...	...	...	...	...	...	...	...	4 12 0	...	4 15
...	...	...	3 14 0	4 0 0	3 2 0	4 8 0	3 8 0	3 6 0	3 12 0	3 12 0	3 10
2 0 0	2 0 0	2 0 0	4 8 0	4 0 0	4 0 0	...	...	...	3 12 0	3 10 0	3 12
...	...	...	4 8 0	4 8 0	...	...	...	...	...	...	...
...	...	...	4 12 0	4 12 0	...	...	...	...	4 4 0	4 0 0	4 0
...	2 3 0	1 6 0	3 8 0	2 13 6	...	3 9 0	3 8 0	3 4 0	3 14 0	3 14 0	3 8
2 18 9	2 1 6	1 9 6	3 13 0	3 3 3	3 1 3	...	...	...	...	...	...
2 14 0	2 4 0	1 5 0	3 14 0	3 5 3	...	5 0 0	4 12 0	3 12 0	4 6 0	4 6 0	4 0
...	...	...	2 5 6	2 5 6	...	...	...	...	3 12 0	3 12 0	4 0
} —	...	...	6 10 6	5 0 0	{ 4 7 0 to 5 0 0 }	4 0 0	4 0 0	3 1 0	4 0 0 to 5 0 0	4 0 0 to 5 0 0	3 1 to 3 10

## STANDARD SEERS.

TEL OR JINJILI SEED.			SUGAR (RAW).			COTTON, CLEANED.			JUTE.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
39	40	41	42	43	44	45	46	47	48	49	50
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
8 0	4 0 0	4 0 0	5 0 0	5 10 0	5 6 0	16 0 0	16 0 0	16 0 0	5 0 0	5 0 0	4 8 0
—	—	—	6 0 0	5 15 0	5 10 0	13 0 0	13 0 0	17 0 0	—	—	—
—	—	—	{ 4 12 0 to 5 0 0 }	{ 4 12 0 to 5 0 0 }	{ 6 0 0 }	{ 18 0 0 to 20 0 0 }	{ 18 0 0 }	18 0 0	—	—	—
—	—	—	4 4 0	4 4 0	4 6 0	18 0 0	18 0 0	24 0 0	5 0 0	4 14 0	3 12 0
—	—	—	6 0 0	5 0 0	6 0 0	—	—	—	4 0 0	4 4 0	3 8 0
—	—	—	5 12 0	5 8 0	5 8 0	—	—	—	5 0 0	5 0 0	4 6 0
—	—	—	5 0 0	4 12 0	5 0 0	16 0 0	13 0 0	—	—	—	—
14 0	3 14 0	3 8 0	3 9 0	3 8 0	3 8 0	15 0 0	12 0 0	13 0 0	5 0 0	5 0 0	3 0 0
—	—	—	2 18 9	2 15 3	—	—	—	—	—	—	—
—	—	—	5 0 0	5 0 0	3 11 0	17 0 0	17 0 0	16 8 0	—	—	—
12 0	3 10 0	3 8 6	5 12 0	5 12 0	5 10 0	24 8 0	24 8 0	24 8 0	—	—	—
—	—	—	{ 5 0 0 to 5 11 0 }	{ 5 0 0 to 5 11 0 }	{ 5 0 0 }	20 0 0	20 0 0	20 0 0	—	—	{

GHI (CLARIFIED BUTTER).			TOBACCO LEAF.			HIDES (COW).			GRASS.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
51	52	53	54	55 *	56	57	58	59	60	61	62
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.
35 0 0	35 0 0	34 0 0	6 0 0	6 0 0	6 0 0	250 0 0	250 0 0	245 0 0	0 13 0	0 13 0	0 13
33 0 0	33 0 0	32 8 0	...	...	...	...	...	...	...	...	...
{ 32 8 0 to 34 0 0 }	34 0 0	37 0 0	Madhaichali. { 6 12 0 to 7 0 0 }	6 12 0	6 4 0	Uncleaned hides, per piece— { 0 14 0 0 14 0 1 4 0 to 2 6 0 to 2 6 0 to 2 4 0 }	...	...	...	...	...
			Pulta. { 7 12 0 to 8 0 0 }	8 6 0	8 4 0	Cleaned hides, per piece— { 1 6 0 1 6 0 1 8 0 to 2 10 0 to 2 10 0 to 2 8 0 }	...	...	...	...	...
52 0 0	52 0 0	52 0 0	9 0 0	8 8 0	7 8 0	...	...	...	...	...	...
36 0 0	36 0 0	38 0 0	8 0 0	8 0 0	8 0 0	...	...	...	0 2 6	0 2 6	0 5
44 0 0	42 0 0	42 0 0	7 0 0	7 0 0	5 0 0	25 0 0	25 0 0	25 0 0	0 4 0	0 4 0	0 4
...	45 0 0	40 0 0	12 8 0	18 0 0	10 0 0	18 8 0	18 8 0	20 0 0	...	...	...
29 0 0	29 0 0	30 0 0	3 0 0	3 0 0	3 0 0	...	...	...	0 5 0	0 5 0	0 4
30 7 6	30 7 6	30 7 6	10 0 0	10 0 0	10 0 0	...	...	...	...	...	...
35 0 0	36 0 0	40 0 0	4 0 0	6 0 0	7 0 0	...	...	...	...	...	...
31 0 0	31 0 0	34 0 0	4 4 0	4 4 0	4 8 0	25 0 0	25 0 0	25 0 0	0 8 11	0 8 11	...
26 10 8	29 8 0	32 0 0	8 0 0	8 0 0	8 0 0	...	...	...	...	...	...
84 0 0	36 0 0	37 8 10	13 0 0	13 0 0	13 0 0	1 0 0	1 0 0	1 0 0	0 2 8	0 2 8	0 2



in the undermentioned *Marts* of Bengal on the 15th October 1899.

STRAW.			JUAR STALKS.			PRICES PER MAUND OF 40 STANDARD SEERS.									MARTS.	
						IRON.			FIREWOOD.			SALT.				
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	
Rs. A. P.	Rs. A. P.	Rs. A. P.				Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
0 9 0	0 9 0	0 12 0	...	...	...	5 4 0	5 4 0	5 4 0	0 7 0	0 7 0	0 7 0	3 5 0	3 6 0	3 6 0	1. Calcutta.	
0 5 4	0 5 3	0 8 0	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	3 4 0	3 4 0	3 8 0	2. Burdwan.	
0 2 4 to 0 7 0	0 2 0	0 2 11	...	...	...	{ 4 0 0 to 4 8 0	{ 4 0 0 to 4 8 0	{ 3 0 0 to 5 0 0	0 10 0	0 5 0	0 3 0	3 8 0	3 8 0	3 8 0	3. Midnapore.	
0 7 0																
0 12 0	0 12 0	0 12 0	...	...	...	7 8 0	7 8 0	7 8 0	0 4 0	0 4 0	0 4 0	3 14 0	3 14 0	3 14 0	4. Patna.	
0 7 0	0 7 0	0 6 0	...	...	...	6 0 0	6 0 0	6 8 0	0 5 0	0 5 0	0 5 3	4 0 0	4 0 0	4 0 0	5. Rangpur.	
...	...	...	...	...	...	5 0 0	5 0 0	5 0 0	0 5 0	0 5 0	0 5 0	3 9 0	3 9 0	3 10 0	6. Dacca.	
...	...	...	...	...	...	8 4 0	5 8 0	5 0 0	...	...	...	4 0 0	3 8 0	3 8 0	7. Chittagong.	
...	...	...	...	...	...	3 0 0	3 0 0	3 0 0	0 6 6	0 6 6	0 5 0	3 7 0	3 7 6	3 8 0	8. Patna.	
...	...	...	...	...	...	5 11 6	5 11 6	8 0 0	0 4 0	0 4 0	0 4 6	3 8 0	3 8 0	4 7 0	9. Munshampur.	
...	...	...	...	...	...	5 8 0	6 0 0	5 4 0	0 5 9	0 6 3	0 5 9	3 12 0	3 14 0	3 12 0	10. Bhagalpur.	
0 9 6	0 9 6	...	...	...	...	4 8 0	4 8 0	4 8 0	0 4 0	0 4 0	0 5 0	3 0 0	3 0 0	3 2 0	11. Cuttack.	
No fixed rate.			...	...	...	5 0 0	5 0 0	5 11 0	0 4 0	0 4 0	0 4 0	3 15 0	4 0 0	4 6 0	12. Ranchi.	

F. A. SLACK,  
Offg. Secretary to the Govt. of Bengal.